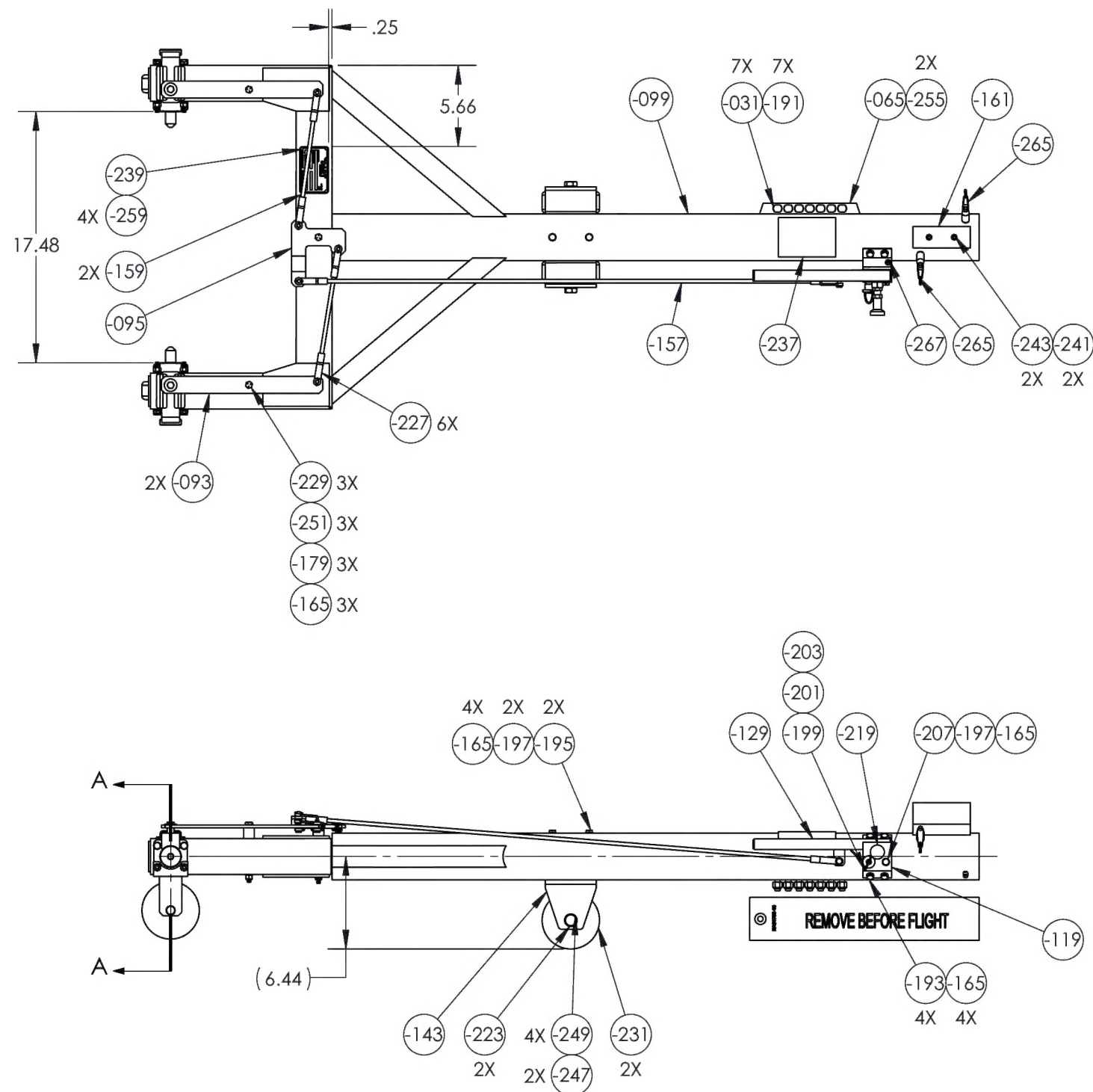
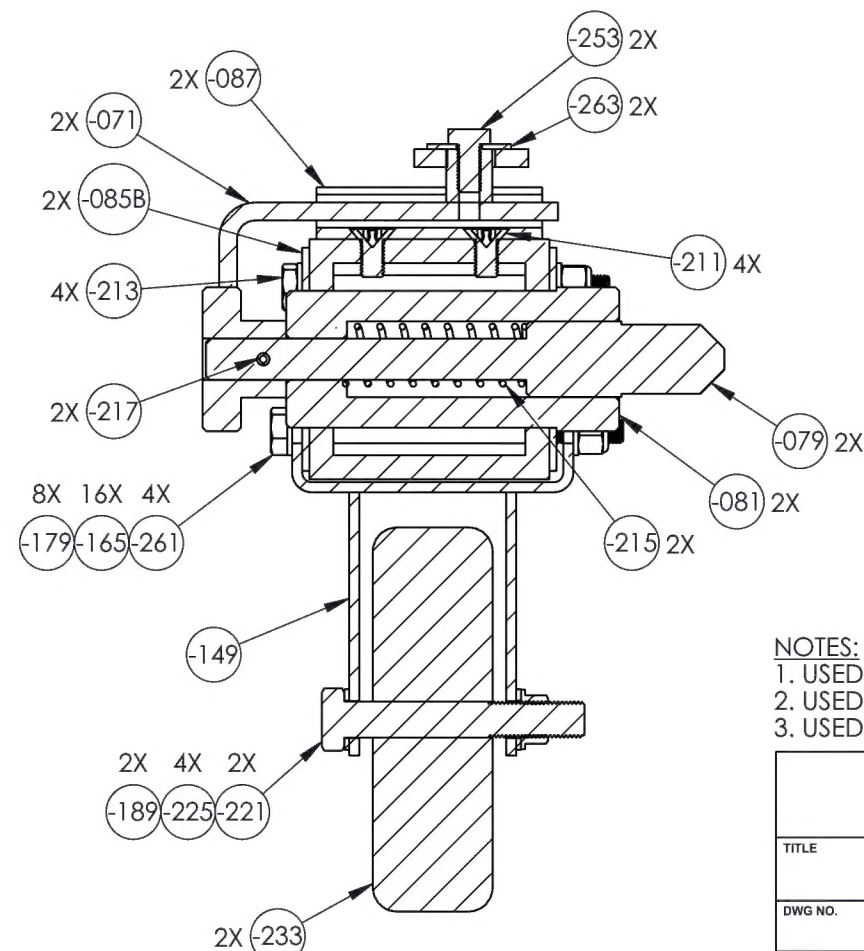


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		DELETED <b>-063</b> FROM DWG. MADE REFERENCE IN BOM FOR <b>-063</b> TO SEE RBW0905G12351-3G.	4/28/2010	RJC	
1A		REMOVED BREAK AWAY ASSY. PARTS <b>-063, -173</b> THRU <b>-177 &amp; -181</b> THRU <b>-187</b> . REMOVED ASSOCIATED PAGES, AND RE-NUMBERED ALL PAGES & CORRECTED BOM.	5/19/2010	RJC	
2		<b>-065</b> WAS 3 PART WELDMENT (-067, 2X -069) IS SINLGE PART. <b>-31</b> SEPERATED TO OWN DWG. <b>-95</b> CORRECTED ASSEMBLY TO <b>-159</b> . REMOVED TONGUE ASSEMBLY PARTS <b>-3</b> THRU <b>-51</b> . REMOVED ASSOC. PAGES, RENUMBERED PAGES. ADDED TONGUE ASSEMBLY REF RBW0905G00134-3G-01. <b>-052</b> ADDED BREAK AWAY ASSEMBLY RBW0905G12631-3G. CORRECTED BOM.	1/23/2013	BIM	SE
2A	14-0158	CH'D TITLEBLOCK WAS RED BARN IS DART. CH'D DIM TOLERANCES ON NON-CRITICAL DIM. REMOVED <b>-001, -031</b> AND <b>-052</b> FROM BOM. CH'D DRAWING # WAS RBW0905G00134-3G IS RBW0905G00134-3G-03. <b>-073, -077, -089, -093, -103, -111, -113, -115, -117, -121, -123, -125, -131, -133, -135, -137, -139, -141, -145, -147, -151, -153</b> CH'D SPECIFICATIONS. <b>-119</b> ADDED NOTE. <b>-121</b> ADDED AUX VIEW.	9/24/2014	DJN	JAG
3	14-0228	<b>-097</b> CH'D CENTER HOLE WAS 1/4-28 UNF THRU IS Ø.28 THRU ALL. <b>-101</b> CH'D DIMENSION WAS 2X Ø.257 THRU ALL IS 2X Ø.316 THRU ALL. ADDED MISSING DIM. 2X 1/4-28 UNF $\Psi$ .5. CH'D DIM SECTION D-D AND E-E WAS Ø.257 THRU ALL IS Ø.3165 - .3125. <b>-113</b> CH'D HOLE WAS 2X Ø.257 THRU ALL IS Ø .33. <b>-115</b> CH'D MATERIAL WAS 6061 IS 6063. <b>-251</b> ADDED DRAWING FOR MODIFIED B/O.	2/2/2015	RJC	JAG
4	16-0029	<b>-081</b> MOVED FILLET WELD TO OPPOSITE SIDE. <b>-087</b> CH'D DIM WAS (.52) IS .520 +.030-.000. <b>-089</b> CH'D COUNTERSINK WAS $\nabla$ 47 IS $\nabla$ $\Phi$ .50. <b>-093</b> CH'D DIM WAS .49 IS .50 +.01-.00. <b>-099</b> CH'D WELD SYMBOL FOR <b>-113, -105 &amp; -107</b> DELETED DIM'S .66 & .81. ADDED DIM'S .59 & .44. <b>-123</b> ADDED $\nabla$ 10-32 HOLE. <b>-151</b> CH'D DIM WAS 2.66 IS 2.720 +.030-.000. <b>-161</b> CH'D DIM WAS 2X $\Phi$ .266 THRU ALL $\nabla$ 44 $\Psi$ .63 IS 2X $\Phi$ .22 THRU ALL $\nabla$ 38 $\Psi$ .63. <b>-165</b> CH'D QTY. WAS 30 IS 28 <b>-203</b> CH'D P/N WAS NAS 1756-18 IS NAS 1756-16. <b>-207</b> CH'D MATERIAL WAS S.S. IS STEEL. <b>-243</b> CH'D P/N WAS 91251A560 IS 91251A349. <b>-257</b> CH'D P/N WAS 91090A107 IS 91117A201. <b>-261</b> REPLACED 4X -213'S WITH P/N MCMASTER-CARR #91257A575. <b>-263 -265 &amp; -267</b> & CRATE ADDED TO BOM.	2/8/2016	RJC	JAG
5	17-0010	<b>-085A &amp; -085B</b> CH'D DIM WAS .23 IS 2X .23. WAS .41 IS 2X .41. <b>-093</b> CH'D DIM WAS 2X .60 IS 3X .60. ADDED DIM 2X FULL R. <b>-099</b> CH'D WELD SYMBOL <b>-105 &amp; -103</b> WAS FILLET WELD ALL AROUND. <b>.06</b> IS FILLET WELD ALL AROUND. <b>-101</b> CH'D DIM WAS (.25 WALL) IS .25 WALL. <b>-191</b> CH'D B/O PN WAS #917135A235 IS #90566A220.	3/18/2017	RJC	JAG



SECTION A-A  
SCALE 1 : 2

NOTES:  
1. USED IN ASSY RBW0905G00134-3G.  
2. USED WITH RBW0905G12631-3G.  
3. USED WITH RBW0905G00134-3G-01.


			
TITLE			
TOW DOLLY			
DWG NO.			REV
RBW0905G00134-3G-03			5
MAT'L	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125√		
HEAT			
TREAT			
FINISH			
SPEC			
DRAWN BY:	PERRITT	1. BREAK ALL SHARP EDGES .015 X .45° OR .015R	
CHECKED:	MACKOVJAK	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR:	ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR:	LINDSAY	USED ON MODEL	
APPROVED:	GILBERT	AGUSTA AW139	
SCALE	1:10	DATE	2/12/2010
		SHEET 1 OF 49	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED

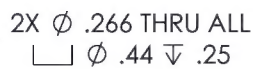
ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
								-031	7	TONGUE SHEAR BOLT		DART #RBW0905G01652-3G	1
								-065	1	TONGUE SHEAR BOLT HOLDER	6061		3
						X		-071	2	PIN SLIDE WELDMENT			4
						1		-073		SLIDE BAR	A36/1018/1020 HR		5
						1		-075		PIN ATTACHMENT	A36/1018/1020 HR		6
						1		-077		BUSHING	A36/1018/1020 HR		7
								-079	2	PIN	4140/4142		8
					X			-081	2	PIN HOUSING WELDMENT			9
					1			-083		PIN HOUSING	A36/1018/1020 HR		10
					1			-085A		HOUSING PLATE	A36/1018/1020 HR		11
								-085B	2	HOUSING PLATE	A36/1018/1020 HR		11
				X				-087	2	GUIDE WELDMENT			12
				1				-089		GUIDE PLATE	1018/1020 CR		13
				2				-091		GUIDE	1018/1020 CR		14
								-093	2	TRANSFER BAR	6061		15
								-095	1	TIE ROD PIVOT	6061		16
				3				-097		RISER	6061		17
			X					-099	1	FRAME WELDMENT			18
			1					-101		FRAME TUBE	6061		19
			1					-103		FRONT	6061		20
			1					-105		RIGHT SIDE	6061		21
			1					-107		LEFT SIDE	6061		22
			2					-109		BRACE	6061		23
			4					-111		GUSSET	6061		24
			1					-113		WHEEL PLATE	6061		25
			1					-115		CHANNEL	6063		26
			2					-117		END CAP	6061		27
			X					-119	1	HANDLE BRACKET WELDMENT			28
			1					-121		BASE	A36/1018/1020 HR		29
			1					-123		INSIDE	A36/1018/1020 HR		30
			1					-125		OUTSIDE	A36/1018/1020 HR		31
			1				B/O	-127		NUT	STEEL	M12X1.5 (MCMaster-CARR #91415A235)	28
		X						-129	1	HANDLE WELDMENT			32
		1						-131		END CAP	A36/1018/1020 HR		33
		2						-133		SIDE PLATE	A36/1018/1020 HR		34
		1						-135		BACK END	A36/1018/1020 HR		35
		1						-137		FRONT END	A36/1018/1020 HR		36
		1						-139		TAB	A36/1018/1020 HR		37
		1						-141		HANDLE	STEEL		38
	X							-143	1	FRONT WHEEL BRACKET WELDMENT			39
	1							-145		FRONT WHEEL BRACKET FRAME	A36/1018/1020 HR		40
	2							-147		FRONT WHEEL BRACKET GUSSET	A36/1018/1020 HR		41
X								-149	2	REAR WHEEL BRACKET WELDMENT			42
1								-151		REAR WHEEL FRAME	A36/1018/1020 HR		43
2								-153		REAR WHEEL VERT. SUPPORT	A36/1018/1020 HR		44
								-157	1	THREADED ROD	1018/1020 CR		45
								-159	2	THREADED ROD	1018/1020 CR		46
								-161	1	PAD	URETHANE 60A	1-1/2 X 1-1/2 X 4-1/8 (MCMaster CARR #8644K24)	47
							B/O	-165	28	FLAT WASHER	S.S.	Ø1/4 AN960-416	1
							B/O	-179	11	HEX LOCKNUT	STEEL	1/4-28 UNF (MCMaster-CARR #95615A130)	1
							B/O	-189	2	LOCK NUT	STEEL	3/8-24 UNF (MCMaster-CARR #95307A700)	1
							B/O	-191	7	THIN NYLON INSERT LOCK NUT	STEEL	3/8-24 UNF (MCMaster-CARR# 90566A220)	1
							B/O	-193	4	HEX HEAD CAP SCREW	S.S.	1/4-28 UNF X 1/2 AN4-4A	1
							B/O	-195	2	HEX HEAD CAP SCREW	S.S.	1/4-28 UNF X 4 AN4-40A	1
							B/O	-197	3	LOCK NUT	STEEL	1/4-28 UNF (MCMaster-CARR #95307A500)	1
ASSY -149	ASSY -143	ASSY -129	ASSY -119	ASSY -99	ASSY -87	ASSY -81	ASSY -71						

ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
							B/O	-199	1	BALL LOCK PIN	S.S.	Ø1/4 X 1 {MCMaster-CARR 92384A034}	1
							B/O	-201	1	LANYARD, LOOP TO LOOP	COATED STEEL	Ø1/16 WIRE X 6 (CARR LANE #CL-2-C)	1
							B/O	-203	1	REMOVE BEFORE FLIGHT	NYLON	NAS 1756-16	1
							B/O	-207	1	HEX HEAD CAP SCREW	STEEL	1/4-28 UNF X 1-1/4 AN4-12A	1
							B/O	-211	4	FLAT HEAD SCREW	STEEL	1/4-28 UNF X 1/2 {MCMaster-CARR #90273A557}	1
							B/O	-213	4	HEX HEAD CAP SCREW	STEEL	1/4-28 UNF X 3-1/4 {MCMaster-CARR #91257A574}	1
							B/O	-215	2	COMPRESSION SPRING	SPRING STEEL	OD Ø3/4 X 2 CENTURY SPRING #10226	1
							B/O	-217	2	ROLL PIN	STEEL	Ø1/8 X 3/4 {MCMaster-CARR #90692A698}	1
							B/O	-219	1	LOCKING INDEXING PLUNGER		J.W. WINCO #GO2/AK	1
							B/O	-221	2	HEX HEAD CAP SCREW	S.S.	3/8-24 UNF X 2-3/8 AN6-23A	1
							B/O	-223	2	HEX HEAD CAP SCREW	S.S.	1/2-20 UNF X 2-7/8 AN8-27A	1
							B/O	-225	4	FLAT WASHER	STEEL	Ø3/8 AN960-616	1
							B/O	-227	6	ROD END	STEEL	{MCMaster-CARR 6071K120}	1
							B/O	-229	3	HEX HEAD CAP SCREW	STEEL	1/4-28 UNF X 4 {MCMaster-CARR #91247A028}	1
							B/O	-231	2	FRONT WHEEL	POLYPROPYLENE	Ø4 O.D. {MCMaster-CARR #2781T58}	1
							B/O	-233	2	REAR WHEEL	RUBBER	Ø4 O.D. {MCMaster-CARR #2829T73}	1
							B/O	-237	1	WARNING STICKER WITH ADHESIVE BACK	VINYL	1/32 X 3 X 4-5/8 SIGNS NOW	48
							B/O	-239	1	DART PLACARD	ALUMINUM	RB41011	1
							B/O	-241	2	RIVET NUT	STEEL	#10-32 UNF {MCMaster-CARR #95105A135}	1
							B/O	-243	2	SOCKET HEAD CAP SCREW	STEEL	#10-32 X 1-1/4 {MCMaster-CARR #91251A349}	1
							B/O	-247	2	LOCK NUT	S.S.	1/2-20 UNF {MCMaster-CARR #99638A600}	1
							B/O	-249	4	FLAT WASHER	S.S.	Ø1/2 I.D. AN960-816	1
								-251	3	SLEEVE	BRONZE	1/4 I.D. X 3/8 O.D. X 1/4 {MCMaster-CARR #1688K4} MOD.	49
							B/O	-253	2	HEX HEAD CAP SCREW	STEEL	1/4-28 UNF X 1/2 {MCMaster-CARR #92620A562}	1
							B/O	-255	2	SOCKET HEAD CAP SCREW	STEEL	1/4-28 UNF X 3/4 {MCMaster-CARR #92562A588}	1
							B/O	-257	2	WASHER	STEEL	#10 {MCMaster-CARR #91117A201}	47
							B/O	-259	4	#2 DRIVE SCREW	COATED STEEL	1/8 {MCMaster-CARR #90081A074}	1
							B/O	-261	4	HEX HEAD CAP SCREW	STEEL	1/4-28 X 3-1/2 {MCMaster-CARR #91257A575}	1
							B/O	-263	2	OVERSIZED WASHER	STEEL	Ø1/4 {MCMaster-CARR #91090A107}	1
							B/O	-265	2	L-HANDLE BALL LOCK PIN	S.S.	Ø5/16 X 3-1/4 CARR-LANE #CL-5-BLPL-3.50-S-C	1
							B/O	-267	1	PAN HEAD SCREW	STEEL	#10-32 X 7/16 {MCMaster-CARR #90272A828}	1
							B/O		1	CRATE-CERTIFIED	WOOD	I.D. {LXWXH} 60 X 28 X 11	N/S
ASSY -149	ASSY -143	ASSY -129	ASSY -119	ASSY -99	ASSY -87	ASSY -81	ASSY -71						


			
TITLE			
TOW DOLLY			
DWG NO. RBW0905G00134-3G-03			REV 5
MAT'L		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005    FRACTIONS ± 1/8 .XX ± .01    ANGLES ± 5° .X ± .1    SURFACES = 125/√	
REAT			
TREAT			
FINISH			
SPEC			
DRAWN BY: PERRITT		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: MACKOVJAK		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		AGUSTA AW139	
SCALE	1:12	DATE	2/12/2010
		SHEET 2 OF 49	



REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED

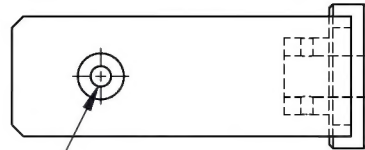


(-065)

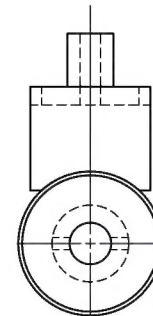
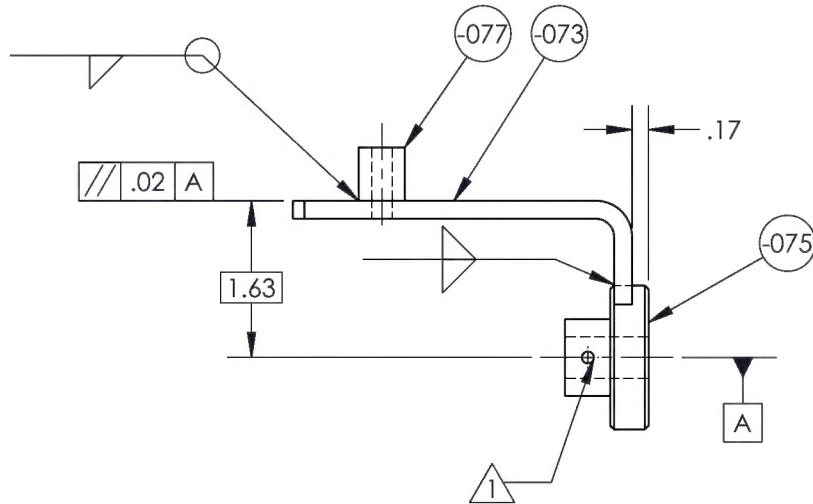
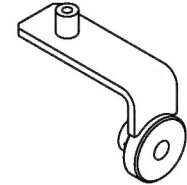
			
TITLE			
TOW DOLLY			
DWG NO.			REV
RBW0905G00134-3G-03-065			5
MAT'L 6061		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH CLEAR ANODIZE		.XXX ± .005 FRACTIONS ± 1/8	
SPEC MIL-A-8625F, TYPE II, CLASS I		.XX ± .01 ANGLES ±.5°	
		.X ± .1 SURFACES = 125/√	
		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
DRAWN BY:	CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
CHECKED:	MACKOVJAK	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
OPPS APPR:	ANDERSON	USED ON MODEL	
QA APPR:	LINDSAY	AGUSTA AW139	
APPROVED:	GILBERT		
SCALE	1:1	DATE	11/19/2012
		SHEET 3 OF 49	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



ALIGN HOLES



NOTE:

1 ORIENTATION NOT CRITICAL, ALIGN AS SHOWN BY EYE.

(-071)

PIN SLIDE WELDMENT

**DART**  
AEROSPACE

TITLE

TOW DOLLY

DWG NO.

RBW0905G00134-3G-03-071

REV

5

MAT'L

REAT

TREAT

FINISH

SPEC

DRAWN BY:

CHECKED:

OPPS APPR:

QA APPR:

APPROVED:

SCALE

DATE

SHEET

OF

49

1:2

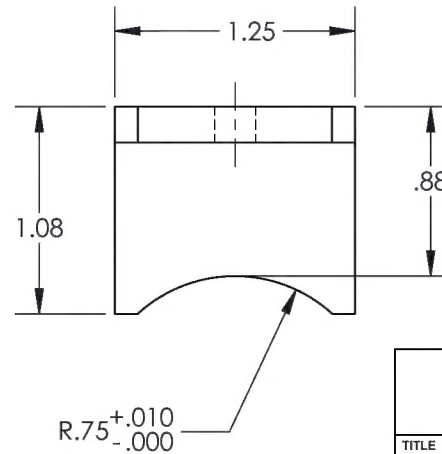
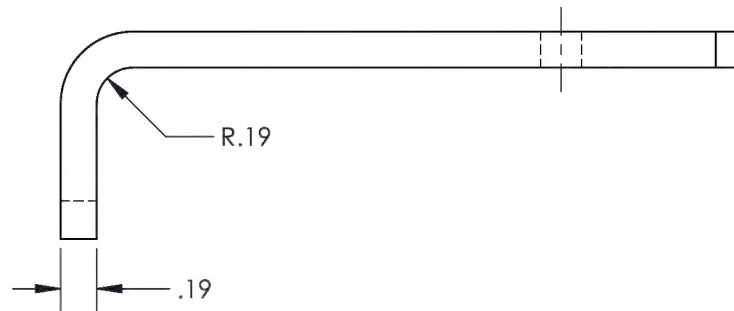
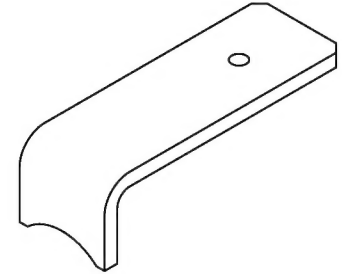
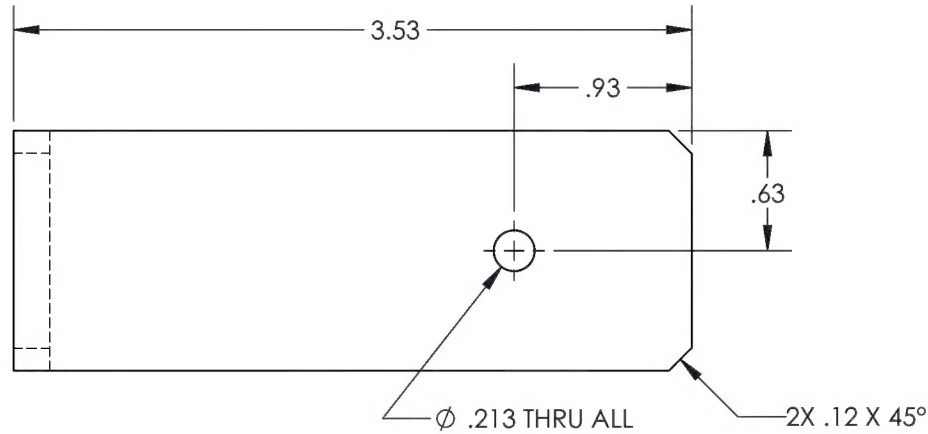
2/12/2010

5

UNLESS OTHERWISE SPECIFIED	
DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/8
.XX ± .01	ANGLES ± .5°
.X ± .1	SURFACES = 125
1. BREAK ALL SHARP EDGES	
.015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY	
AFTER PLATING	
3. INTERPRET DIM AND TOL PER	
ASME Y14.5M-2009	
USED ON MODEL	
AGUSTA AW139	
1:2	2/12/2010
5	SHEET 4 OF 49

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

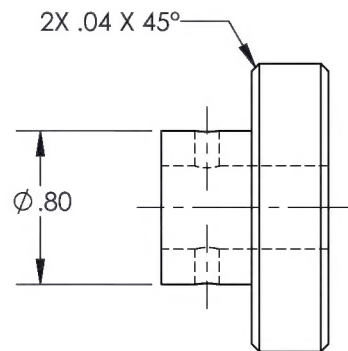
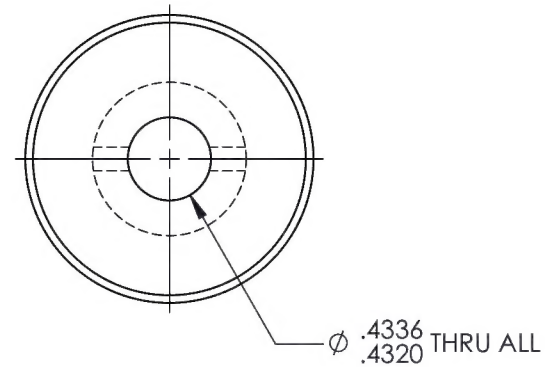
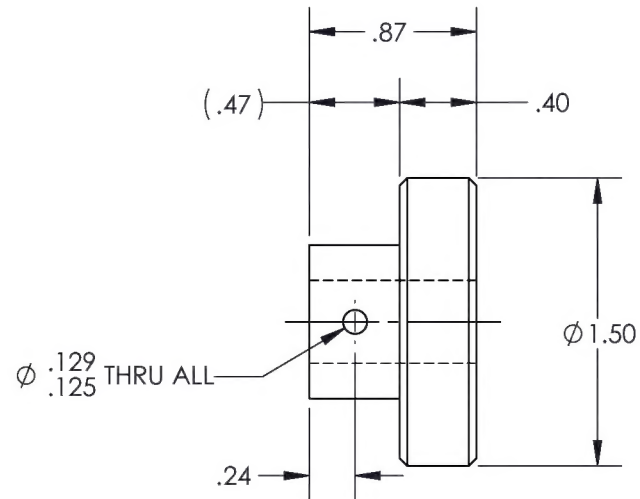


(-073)  
SLIDE BAR

<b>DART AEROSPACE</b>	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-073</b>	REV <b>5</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -071 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:1	DATE 1/31/2013
	SHEET 5 OF 49

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



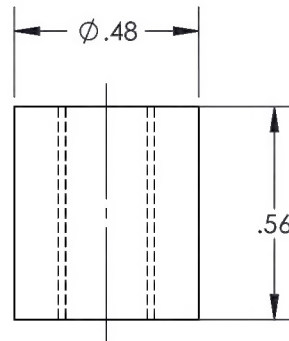
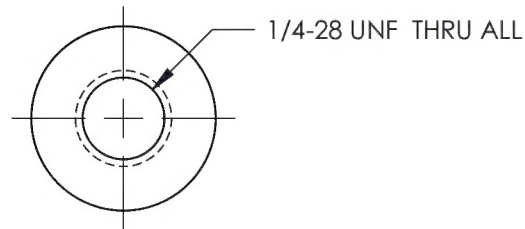
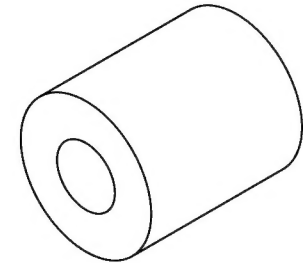
(-075)

PIN ATTACHMENT

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-075</b>	REV <b>5</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -071 WELDMENT	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± 5°
	.X ± .1 SURFACES = 125°
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:1	DATE 11/20/2012
	SHEET 6 OF 49

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED




(-077)

BUSHING

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-077</b>	REV <b>5</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -071 WELDMENT	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125°
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 2:1	DATE 11/19/2012
	SHEET 7 OF 49

REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED

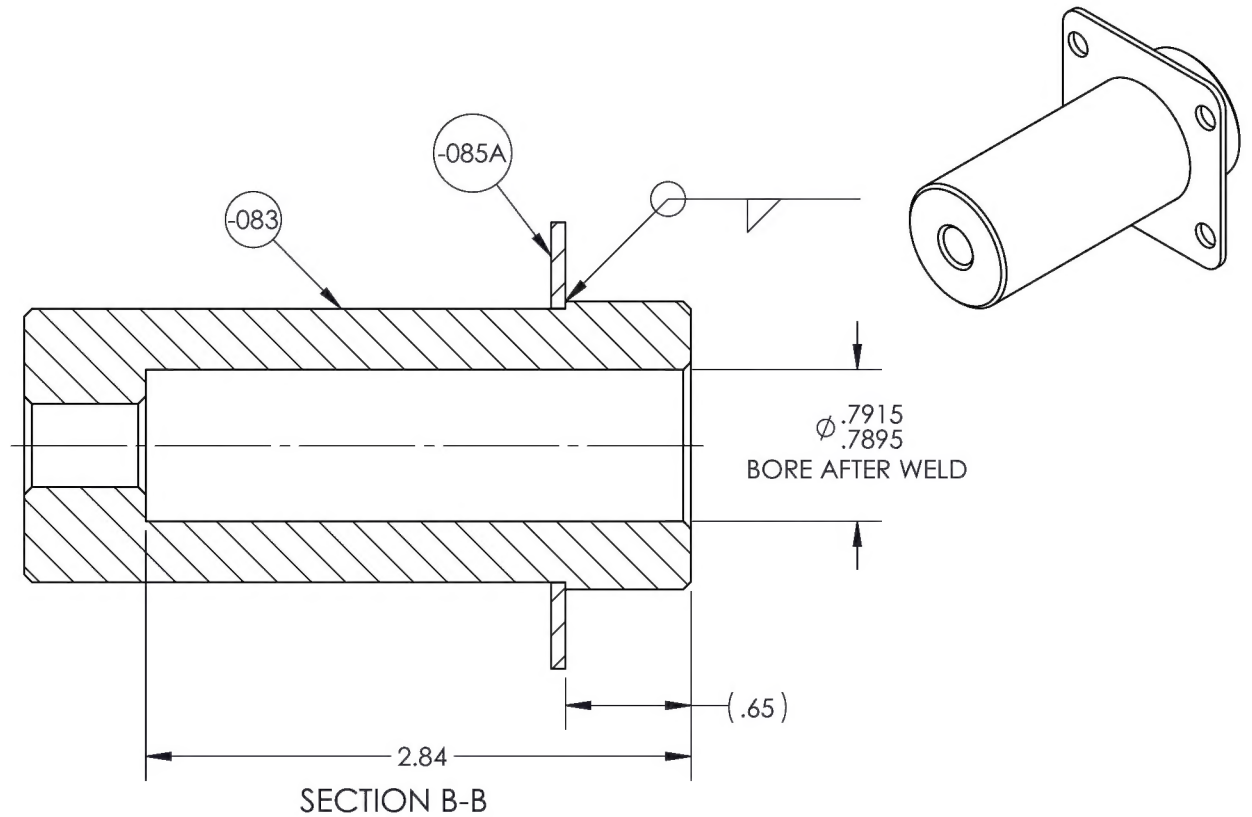
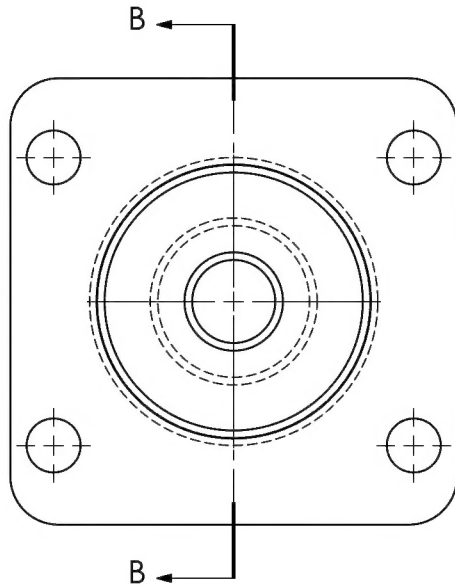


			
TITLE			
TOW DOLLY			
DWG NO.			REV
RBW0905G00134-3G-03-079			5
MAT'L 4140/4142		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT RC 40-45		DIMENSIONS ARE IN INCHES	
FINISH YELLOW ZINC PLATE		$.XXX \pm .005$ FRACTIONS $\pm 1/8$ $.XX \pm .01$ ANGLES $\pm .5^\circ$ $.X \pm .1$ SURFACES = 125/√	
SPEC ASTM B633 TYPE II SC 2		1. BREAK ALL SHARP EDGES $.015 \times 45^\circ$ OR $.015R$	
DRAWN BY:	GILBERT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
CHECKED:	MACKOVJAK	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
OPPS APPR:	ANDERSON	USED ON MODEL	
QA APPR:	LINDSAY	AGUSTA AW139	
APPROVED:	GILBERT		
SCALE	1:1	DATE	11/28/2012
		SHEET 8 OF 49	



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	16-0029	-081 MOVED FILLET WELD TO OPPOSITE SIDE.	2/8/2016	RJC	JAG

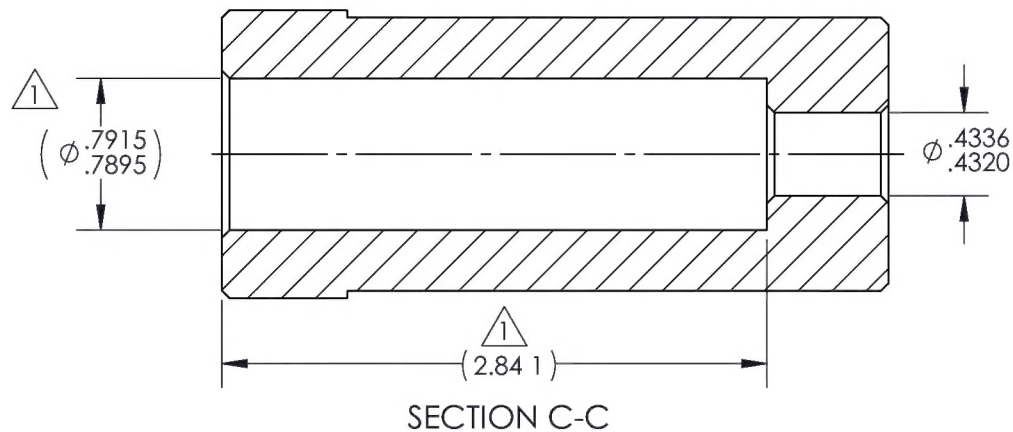
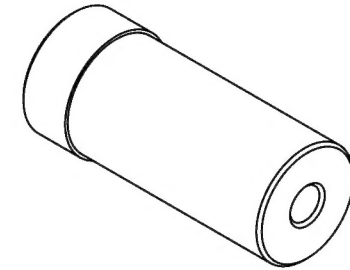
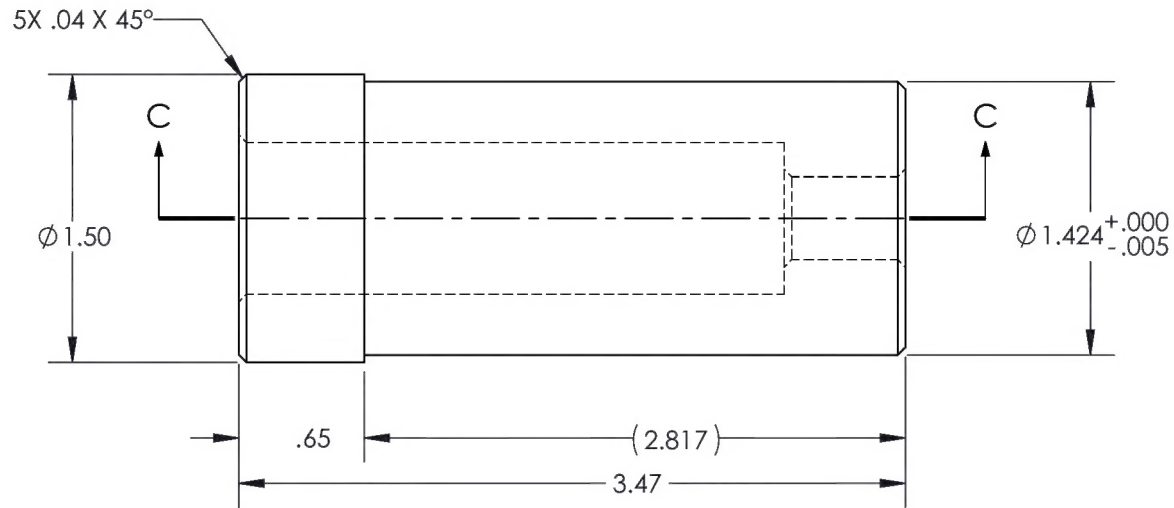


(-081)  
PIN HOUSING WELDMENT

<b>DART AEROSPACE</b>	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-081</b>	REV <b>5</b>
MAT'L REPT TREAT FINISH SPEC	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° ASTM B633 TYPE II SC 2
DRAWN BY: CHECKED: OPPS APPR: QA APPR: APPROVED:	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009 USED ON MODEL AGUSTA AW139
SCALE 1:1	DATE 1/30/2013
SHEET 9 OF 49	

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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	



SECTION C-C

(-083)

PIN HOUSING

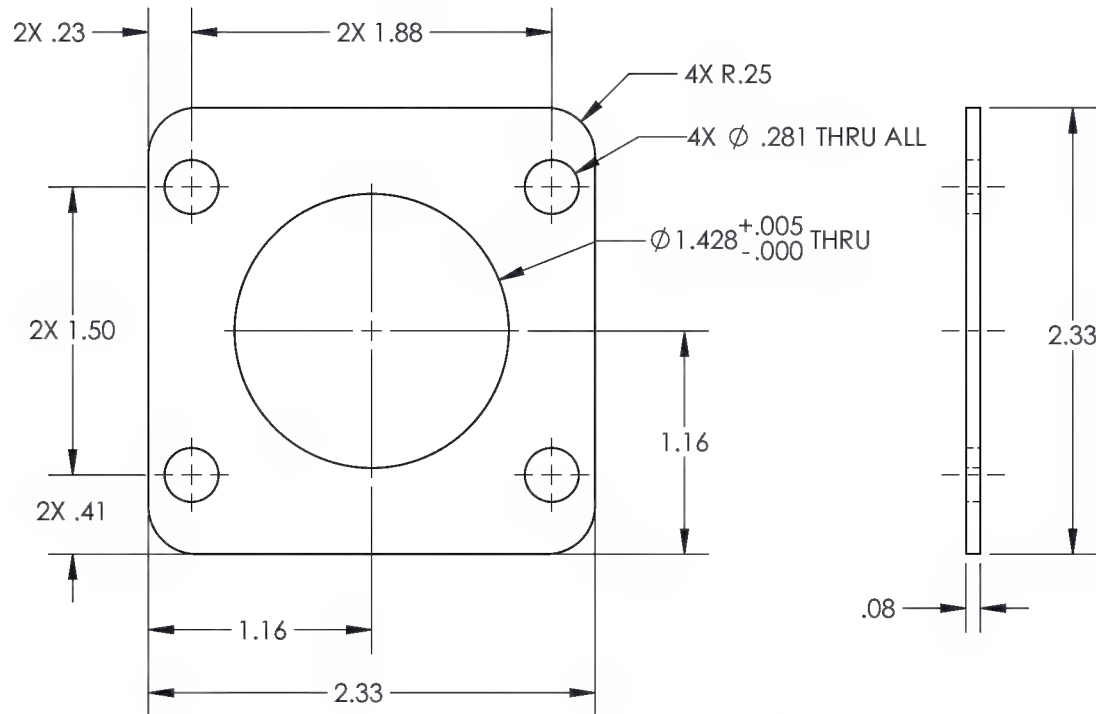
NOTE:

- 1 AFTER WELDING SEE -81 FINISH BORE TO ACHIEVE DIMENSION

<b>DART AEROSPACE</b>	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-083</b>	REV <b>5</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH SEE -81 WELDMENT	.XX ± .01 ANGLES ± .5°
SPEC	.X ± .1 SURFACES = 125✓
DRAWN BY: GILBERT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: MACKOVJAK	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AGUSTA AW139
SCALE 1:1	DATE 11/20/2012 SHEET 10 OF 49

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
5	17-0010	-085A & -085B CH'D DIM WAS .23 IS 2X .23, WAS .41 IS 2X .41.	3/18/2017	RJC	JAG



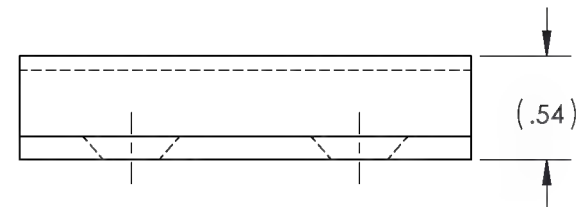
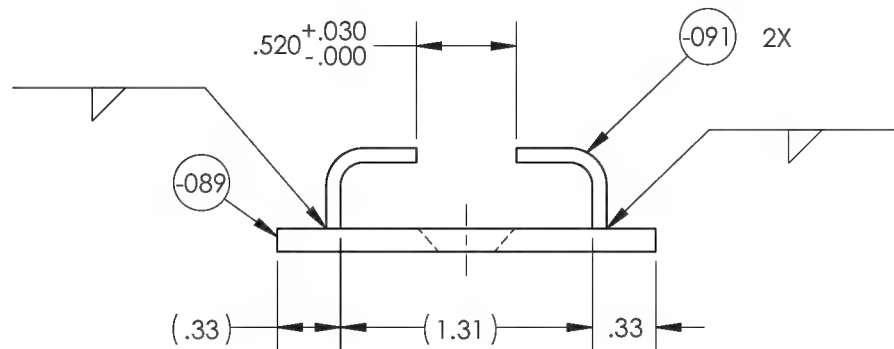
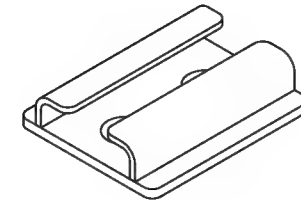
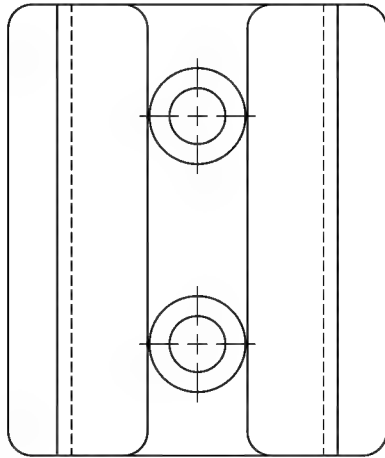
(-085A) (-085B)  
HOUSING PLATE

-085A	2	NO FINISH, SEE -81 WELDMENT
-085B	2	YELLOW ZINC .0002 - .0004 FINISH

<b>DART AEROSPACE</b>	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-085B</b>	REV <b>5</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH SEE TABLE	.XX ± .03 ANGLES ± 1°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: MACKOVJAK	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AGUSTA AW139
SCALE 1:1	DATE 11/19/2012
SHEET 11 OF 49	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	16-0029	-087 CH'D DIM WAS (.52) IS .520 +.030-.000.	2/9/2016	RJC	JAG



-087

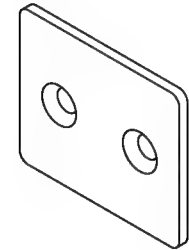
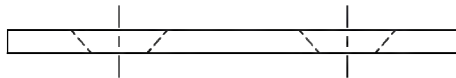
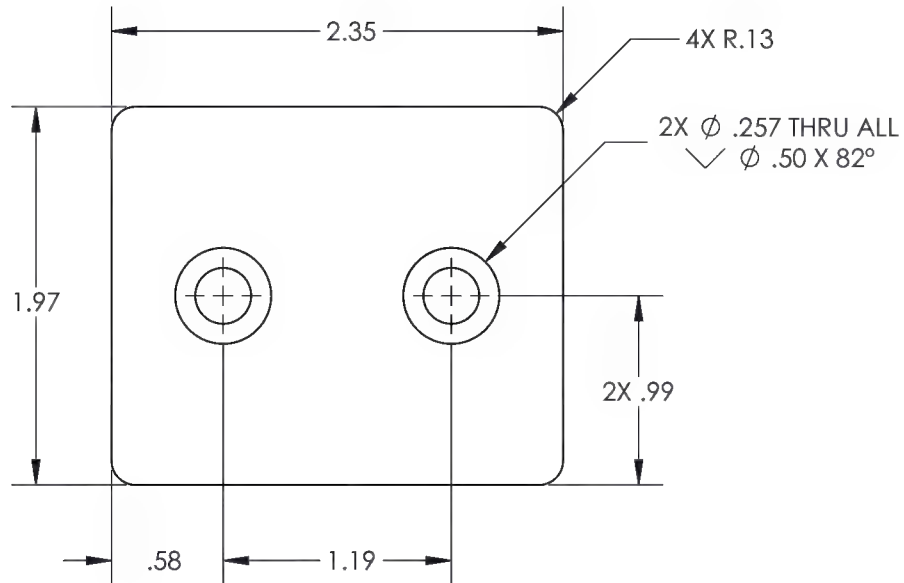
GUIDE WELDMENT

<b>DART AEROSPACE</b>	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-087</b>	REV <b>5</b>
MAT'L <b>ASTM B633 TYPE II SC 2</b>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°
HEAT TREAT <b>YELLOW ZINC PLATE</b>	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
FINISH <b>ASTM B633 TYPE II SC 2</b>	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
DRAWN BY: <b>MARPET</b>	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
CHECKED: <b>MACKOVJAK</b>	USED ON MODEL
OPPS APPR: <b>ANDERSON</b>	AGUSTA AW139
QA APPR: <b>LINDSAY</b>	
APPROVED: <b>GILBERT</b>	
SCALE <b>1:1</b>	DATE <b>1/30/2013</b>
SHEET 12 OF 49	



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	16-0029	-089 CH'D COUNTERSINK WAS ✓ Ø.47 IS ✓ Ø.50.	2/9/2016	RJC	JAG

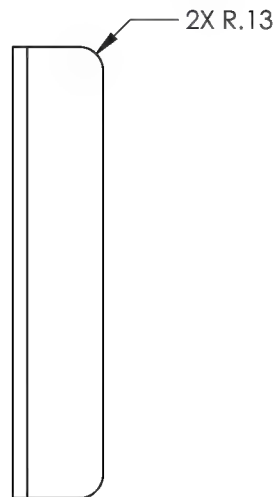
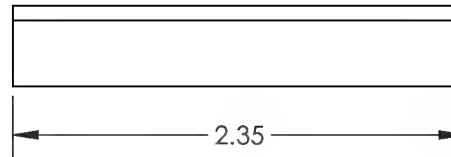
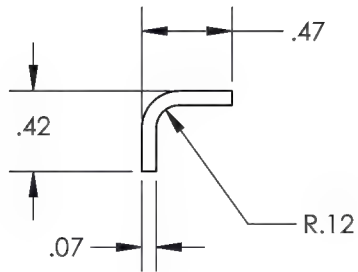
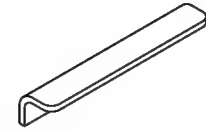


-089  
GUIDE PLATE

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-089</b>	REV <b>5</b>
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -087 WELDMENT	.XXX $\pm$ .010 FRACTIONS $\pm$ 1/8
SPEC	.XX $\pm$ .03 ANGLES $\pm$ 1°
DRAWN BY: CLOUGH	.X $\pm$ .1 SURFACES = 125° $\checkmark$
CHECKED: MACKOVJAK	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 11/19/2012	USED ON MODEL
SHEET 13 OF 49	AGUSTA AW139

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

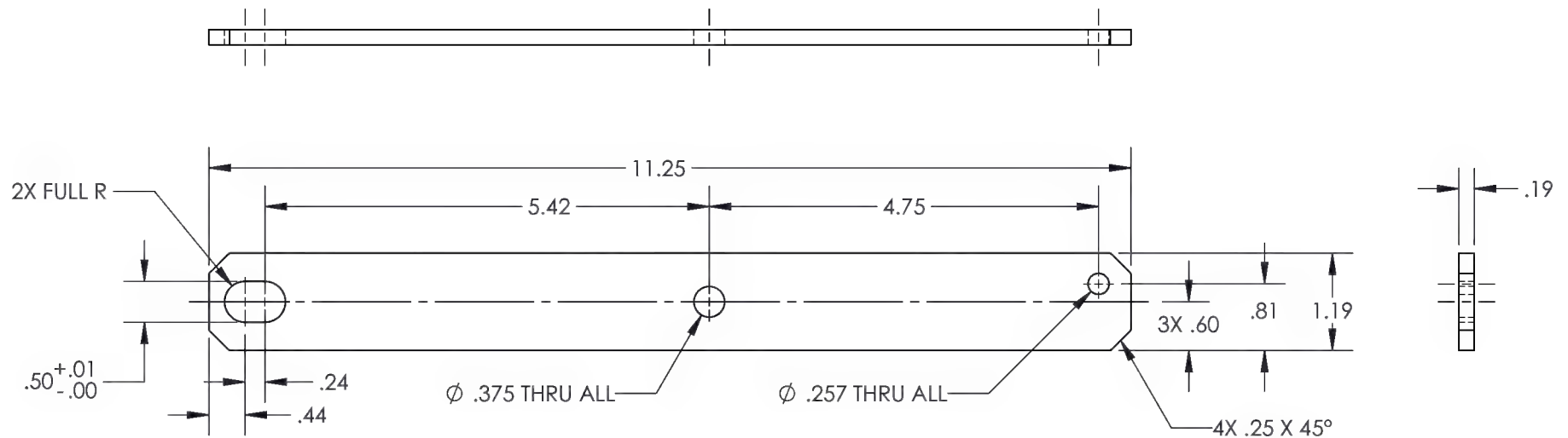
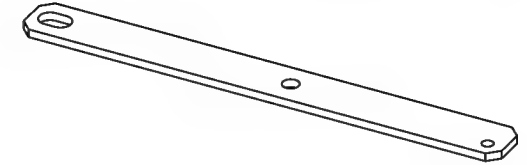


(-091)  
GUIDE

<b>DART AEROSPACE</b>	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-091</b>	REV <b>5</b>
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -087 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: CLOUGH	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	AGUSTA AW139
SCALE 1:1	DATE 11/19/2012
	SHEET 14 OF 49

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	16-0029	-093 CH'D DIM WAS .49 IS .50 +.01-.00.	2/9/2016	RJC	JAG
5	17-0010	-093 CH'D DIM WAS 2X .60 IS 3X .60, ADDED DIM 2X FULL R.	3/18/2017	RJC	JAG



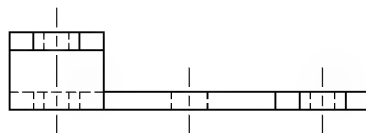
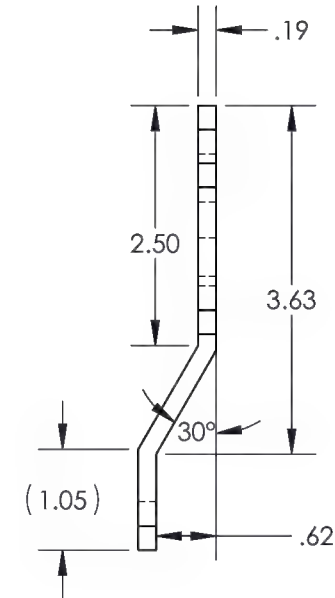
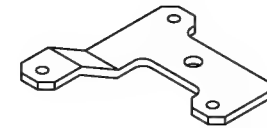
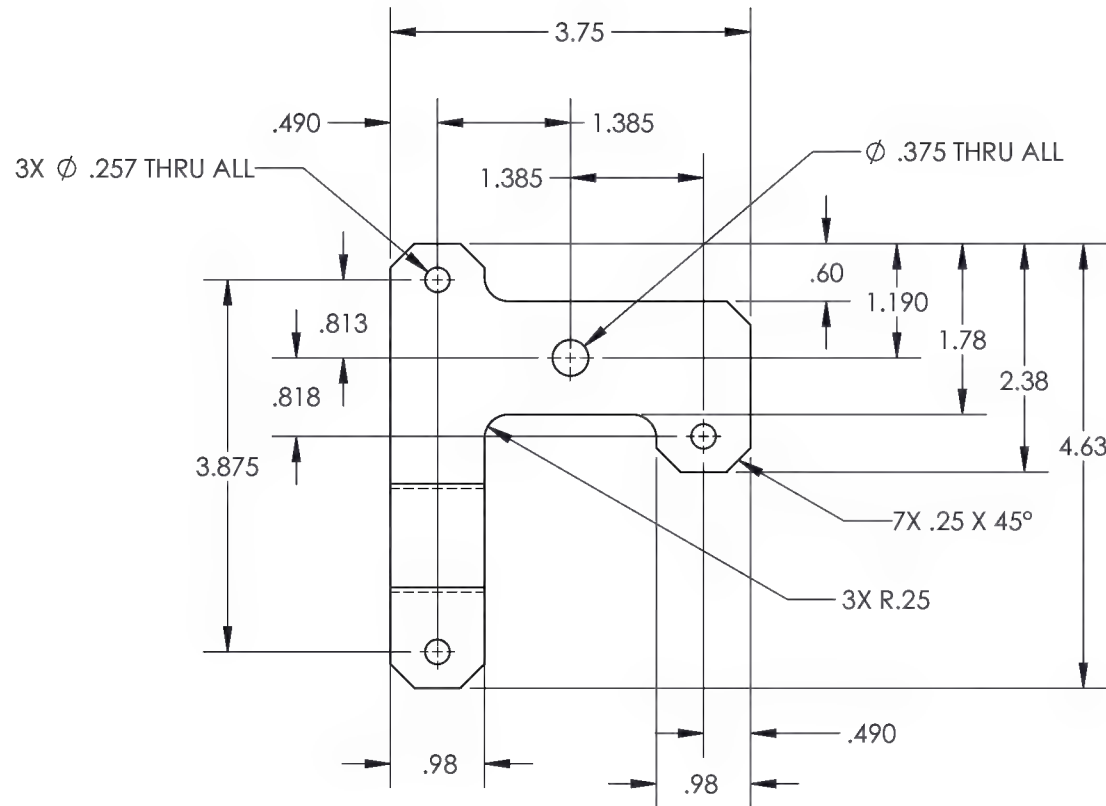
(-093)

TRANSFER BAR

<b>DART AEROSPACE</b>	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-093</b>	REV <b>5</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .010 FRACTIONS ± 1/8
FINISH POWDER COAT YELLOW	.XX ± .03 ANGLES ± 1°
SPEC FED #13538	.X ± .1 SURFACES = 125°
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: MACKOVJAK	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AGUSTA AW139
SCALE 1:2	DATE 1/24/2013
SHEET 15 OF 49	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



(-095)

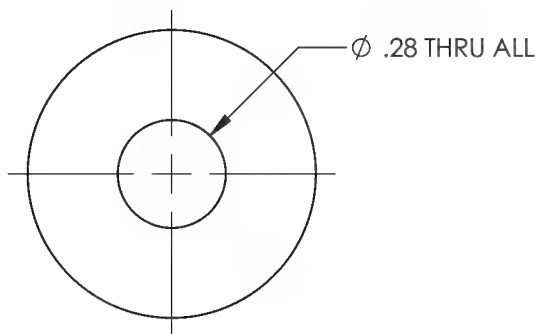
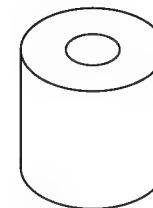
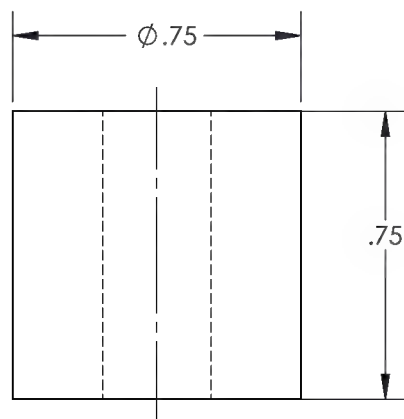
TIE ROD PIVOT

<b>DART AEROSPACE</b>	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-095</b>	REV <b>5</b>
MAT'L 6061 TREAT FINISH POWDER COAT YELLOW SPEC FED #13538	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: <b>MARPET</b> CHECKED: <b>MACKOVJAK</b> OPPTS APPR: <b>ANDERSON</b> QA APPR: <b>LINDSAY</b> APPROVED: <b>GILBERT</b>	
USED ON MODEL <b>AGUSTA AW139</b>	
SCALE <b>1:2</b>	DATE <b>1/28/2013</b>
SHEET 16 OF 49	



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	14-0228	-097 CH'D CENTER HOLE WAS 1/4-28 UNF THRU IS Ø.28 THRU ALL.	2/2/2015	RJC	JAG



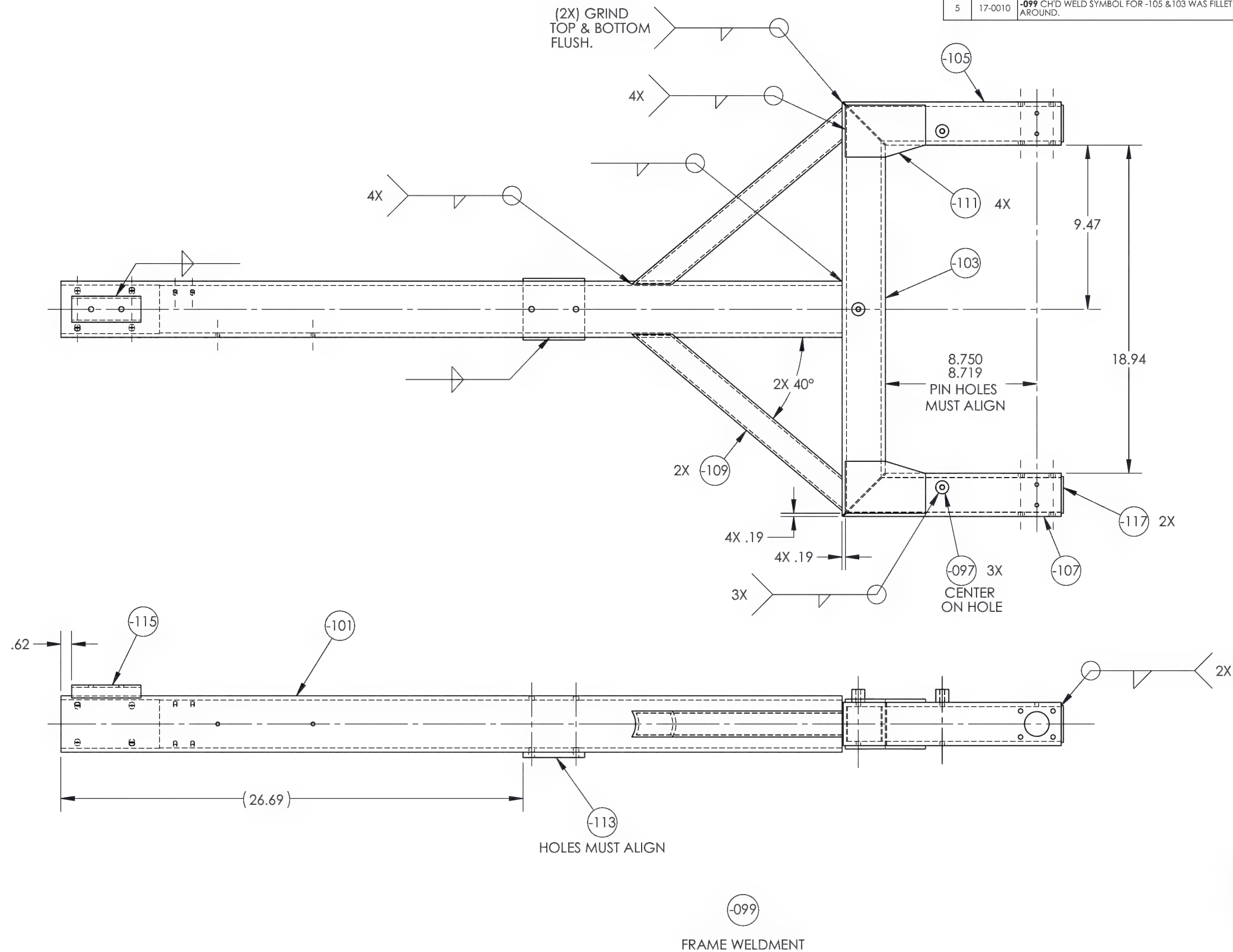
(-097)

RISER

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-097</b>	REV <b>5</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -099 WELDMENT	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ±.5°
	.X ± .1 SURFACES = 125°
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	AGUSTA AW139
SCALE 2:1	DATE 1/24/2013
	SHEET 17 OF 49

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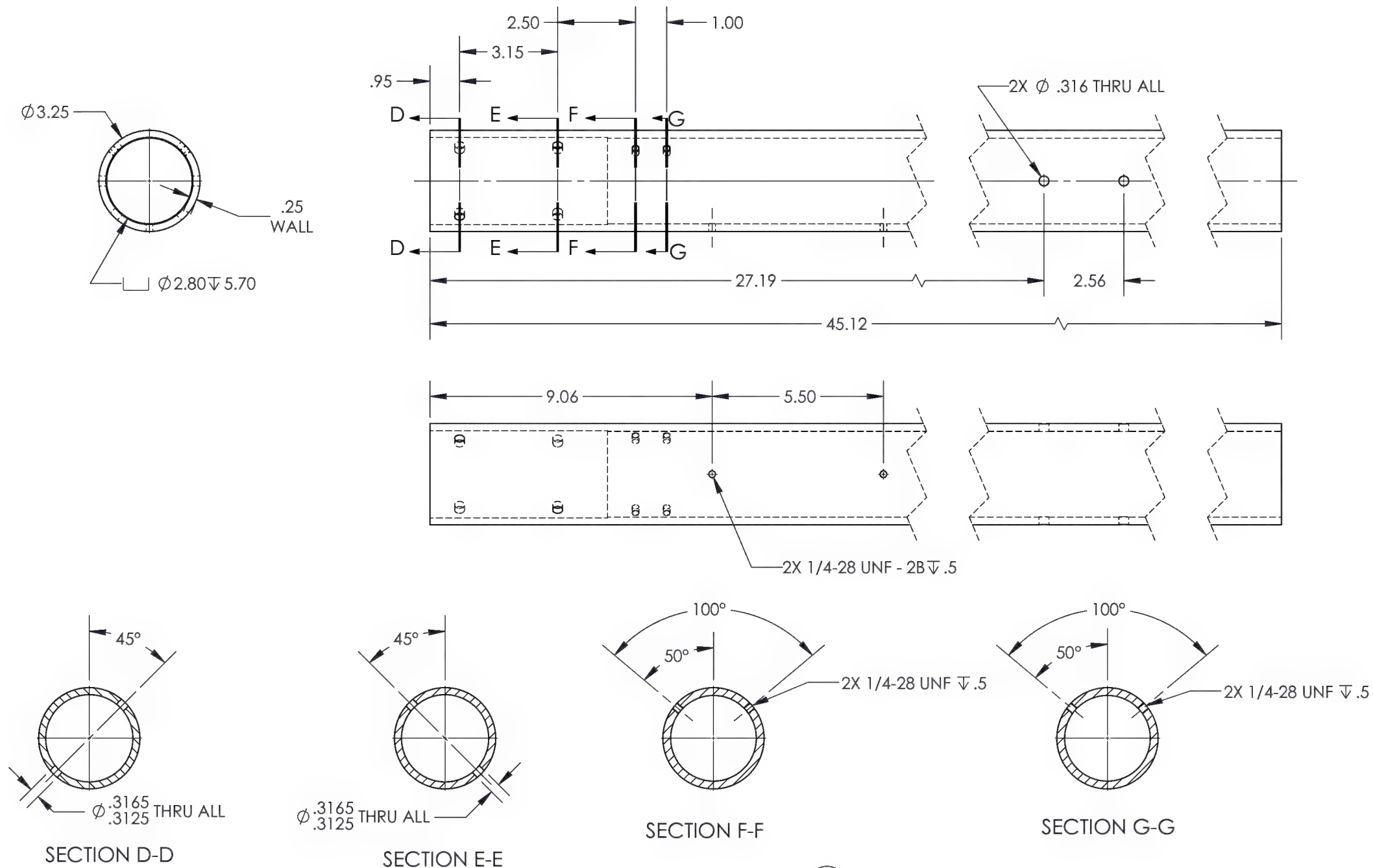
REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	16-0029	-099 CH'D WELD SYMBOL FOR -113.	2/9/2016	RJC	JAG
5	17-0010	-099 CH'D WELD SYMBOL FOR -105 & 103 WAS FILLET WELD ALL AROUND. .06 IS FILLET WELD ALL AROUND.	3/18/2017	RJC	JAG



DART AEROSPACE			
TITLE TOW DOLLY			
DWG NO. RBW0905G00134-3G-03-099			REV 5
MAT'L		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH POWDER COAT YELLOW		.XXX ± .010 FRACTIONS ± 1/8	
SPEC FED #13538		.XX ± .03 ANGLES ± 1°	
DRAWN BY: PERRITT		.X ± .1 SURFACES = 125/	
CHECKED: MACKOVJAK		1. BREAK ALL SHARP EDGES	
OPPS APPR: ANDERSON		.015 x 45° OR .015R	
QA APPR: LINDSAY		2. DIMENSIONAL LIMITS APPLY	
APPROVED: GILBERT		AFTER PLATING	
SCALE 1:6		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DATE 2/12/2013		USED ON MODEL	
SHEET 18 OF 49		AGUSTA AW139	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	14-0228	-101 CH'D DIMENSION WAS 2X Ø.257 THRU ALL IS 2X Ø.316 THRU ALL. ADDED MISSING DIM. 2X 1/4-28 UNF $\nabla$ .5, CHD' DIM SECTION D-D AND E-E WAS Ø.257 THRU ALL IS Ø.3165 - .3125.	2/2/2015	RJC	JAG
5	17-0010	-101 CH'D DIM WAS (.25 WALL) IS .25 WALL.	3/18/2017	RJC	JAG



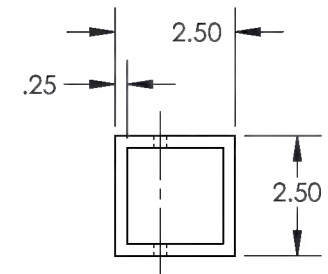
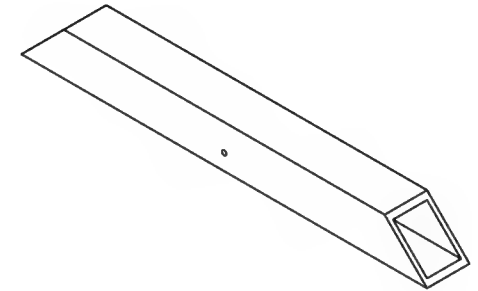
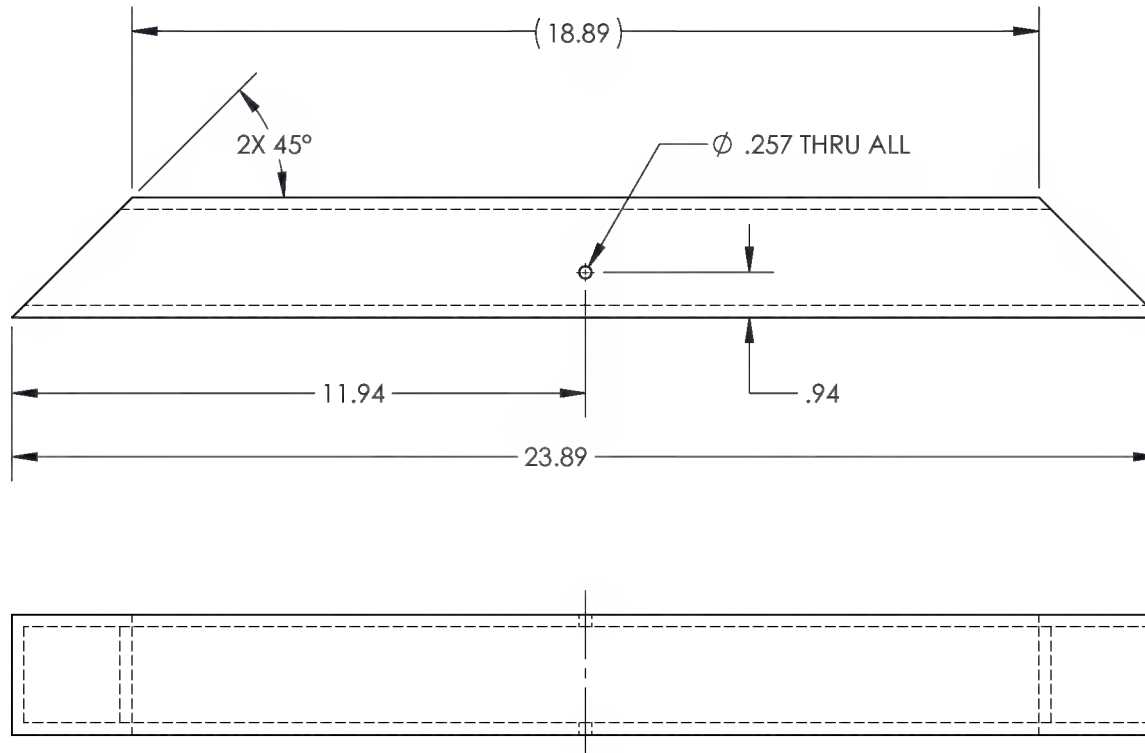
(-101)

FRAME TUBE

DART AEROSPACE			
TITLE TOW DOLLY			
DWG NO. RBW0905G00134-3G-03-101			REV 5
MAT'L 6061	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		
HEAT TREAT	.XXX $\pm$ .005 FRACTIONS $\pm$ 1/8		
FINISH SEE -.099 WELDMENT	.XX $\pm$ .01 ANGLES $\pm$ 5°		
SPEC	.X $\pm$ .1 SURFACES = 125✓		
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R		
CHECKED: MACKOVJAK	2. DIMENSIONAL LIMITS APPLY AFTER PLATING		
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009		
QA APPR: LINDSAY	USED ON MODEL		
APPROVED: GILBERT	AGUSTA AW139		
SCALE 1:4	DATE 2/12/2010	SHEET 19 OF 49	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL



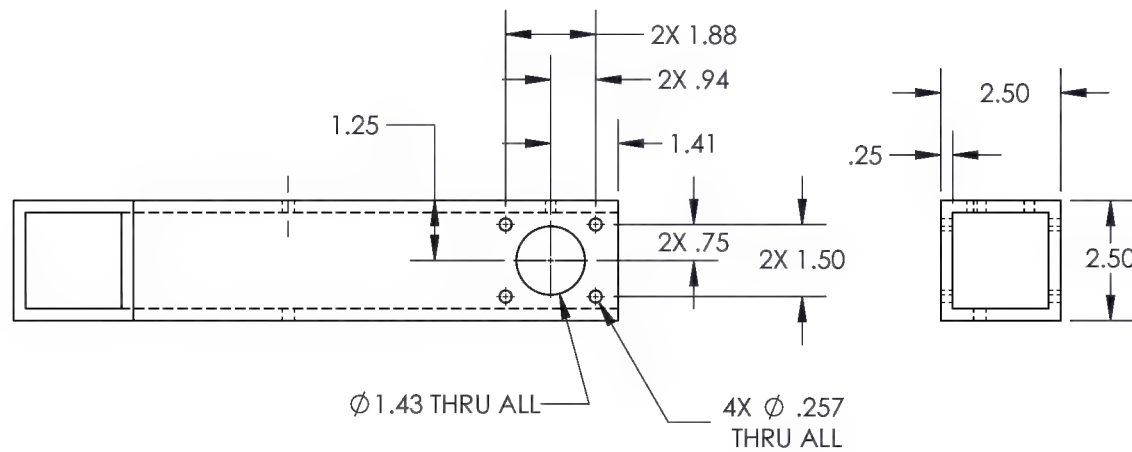
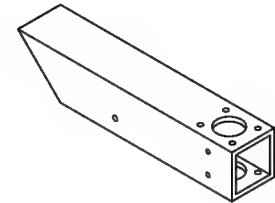
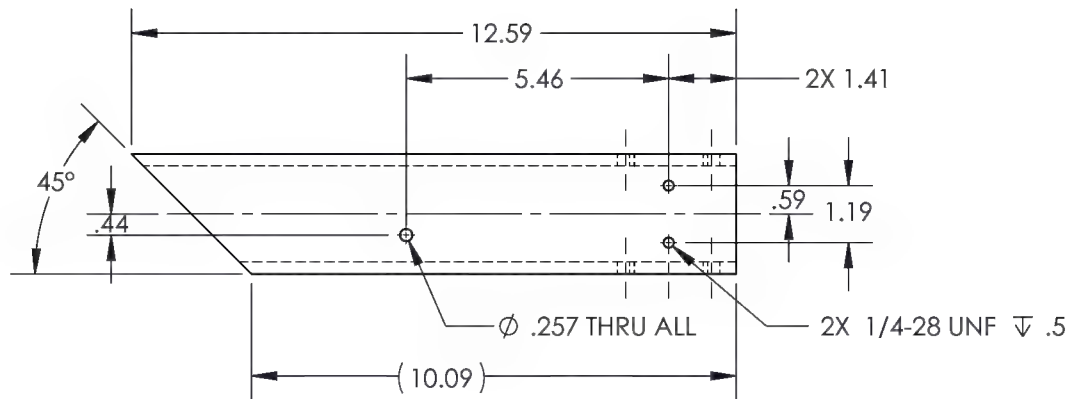
(-103)  
FRONT

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBWO905G00134-3G-03-103</b>	REV <b>5</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -099 WELDMENT	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
	AGUSTA AW139
SCALE 1:4	DATE 1/24/2013
	SHEET 20 OF 49



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	16-0029	-105 DELETED DIM'S .66 & .81, ADDED DIM'S .59 & .44.	2/9/2016	RJC	JAG



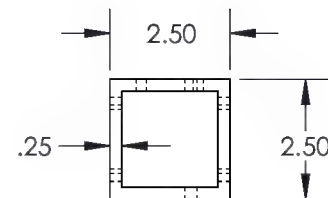
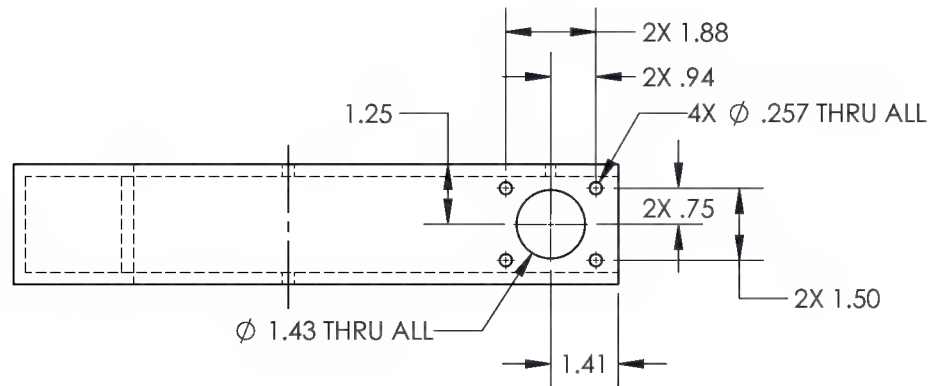
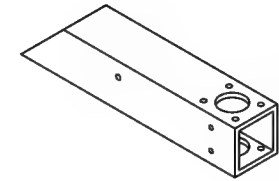
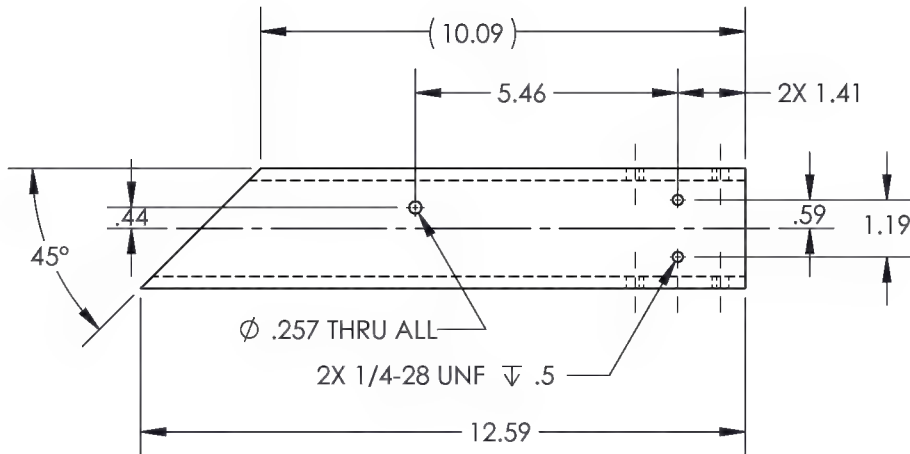
(-105)

RIGHT SIDE

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-105</b>	REV <b>5</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -099 WELDMENT	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
DRAWN BY: PERRITT	.X ± .1 SURFACES = 125° ✓
CHECKED: MACKOVJAK	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:4	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 2/12/2010	USED ON MODEL
SHEET 21 OF 49	AGUSTA AW139

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	16-0029	-107 DELETED DIM'S .66 & .81, ADDED DIM'S .59 & .44.	2/9/2016	RJC	JAG



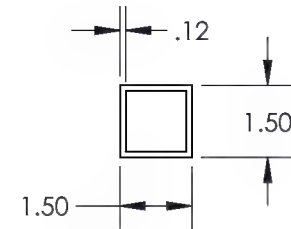
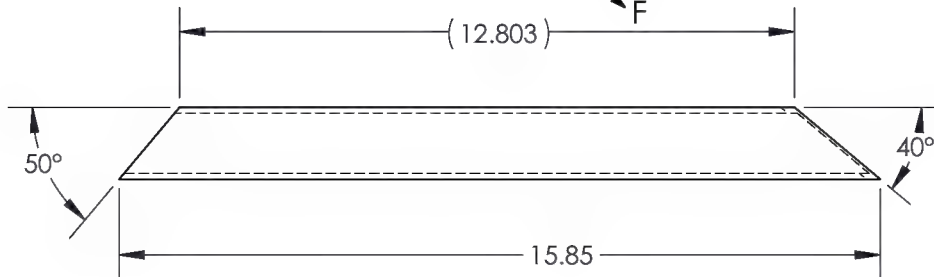
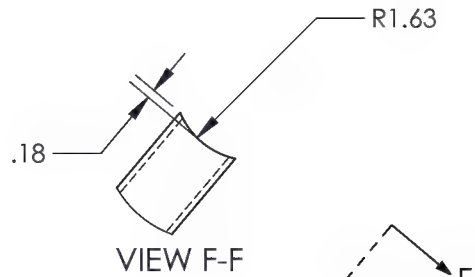
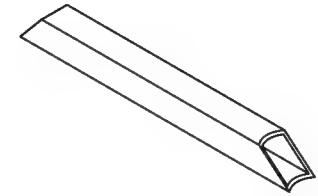
-107

LEFT SIDE

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-107</b>	REV <b>5</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -099 WELDMENT	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125°
DRAWN BY: PERRITT	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:4	DATE 2/12/2010
	SHEET 22 OF 49

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REVISIONS			
REV	ECR	DESCRIPTION	DATE
			INITIAL
			APPROVED



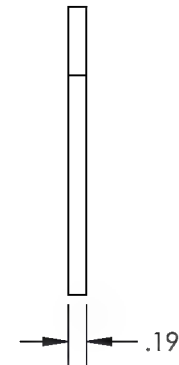
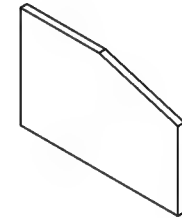
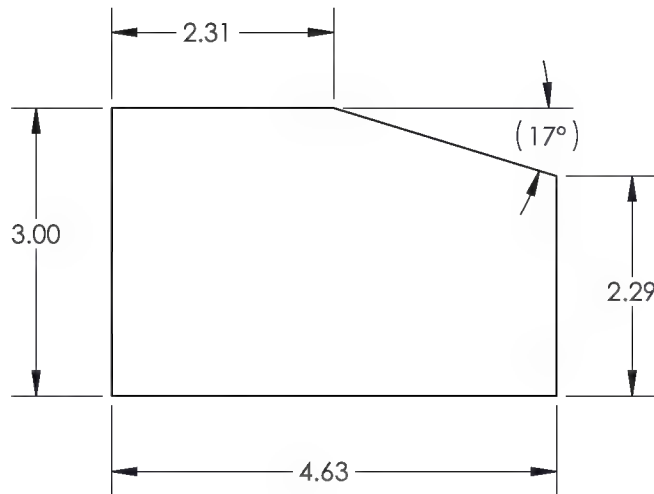
(-109)

BRACE

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-109</b>	REV <b>5</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -099 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:4	DATE 1/28/2013
	SHEET 23 OF 49

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



(-111)

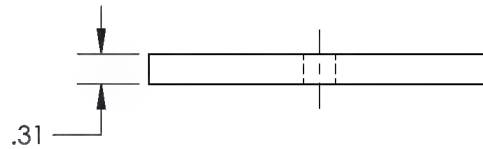
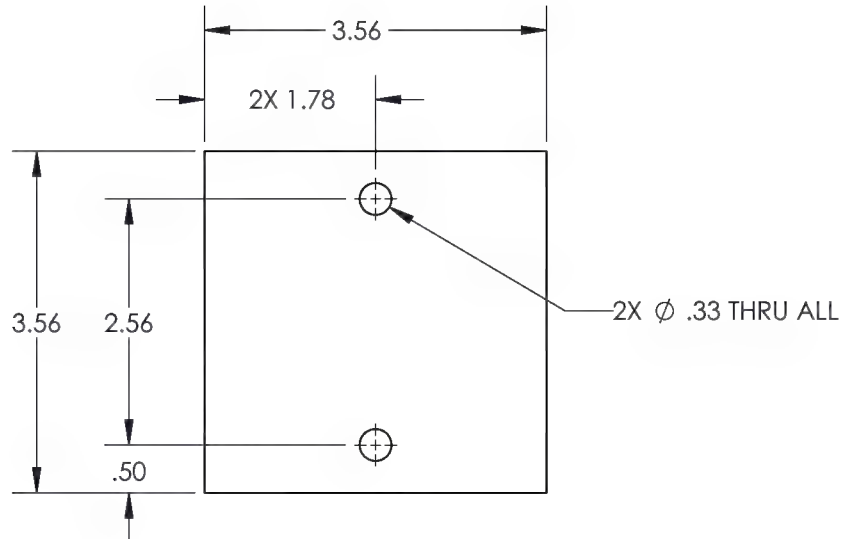
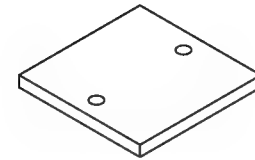
GUSSET

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-111</b>	REV <b>5</b>
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -099 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:2	DATE 1/24/2013
	SHEET 24 OF 49



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	14-0228	-113 CH'D HOLE WAS 2X Ø.257 THRU ALL IS Ø .33.	2/2/2015	RJC	JAG



-113

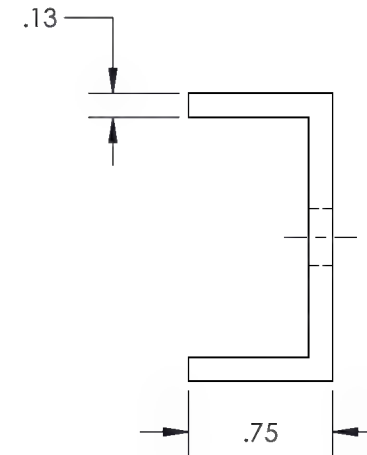
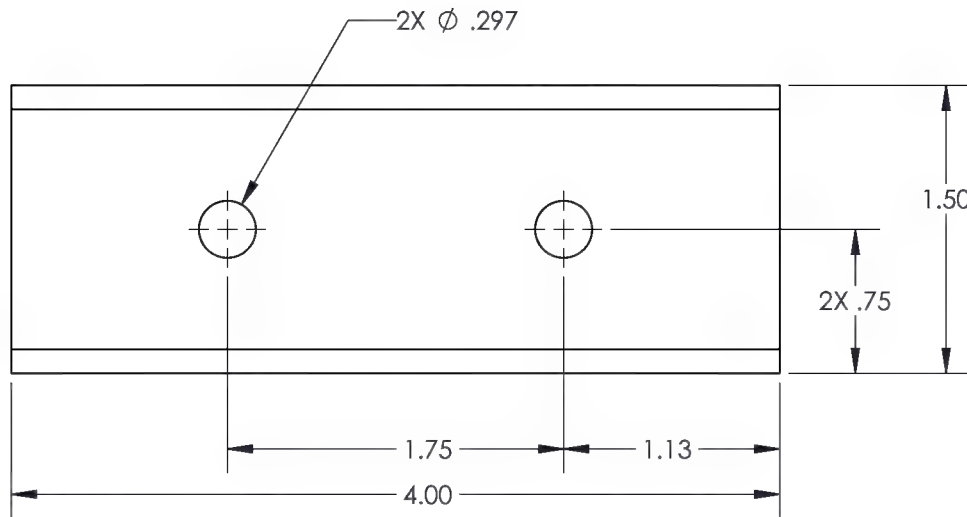
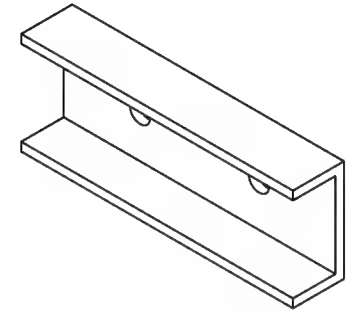
WHEEL PLATE



TITLE		TOW DOLLY	
DWG NO.		RBW0905G00134-3G-03-113	
REV		5	
MAT'L 6061		UNLESS OTHERWISE SPECIFIED	
TREAT		DIMENSIONS ARE IN INCHES	
FINISH SEE -099 WELDMENT		.XXX ± .010 FRACTIONS ± 1/8	
SPEC		.XX ± .03 ANGLES ± 1°	
DRAWN BY: MARPET		.X ± .1 SURFACES = 125°	
CHECKED: MACKOVJAK		1. BREAK ALL SHARP EDGES	
OPPS APPR: ANDERSON		.015 x 45° OR .015R	
QA APPR: LINDSAY		2. DIMENSIONAL LIMITS APPLY	
APPROVED: GILBERT		AFTER PLATING	
SCALE 1:2		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DATE 1/24/2013		USED ON MODEL	
SHEET 25 OF 49		AGUSTA AW139	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	14-0228	-115 CH'D MATERIAL WAS 6061 IS 6063.	2/2/2015	RJC	JAG

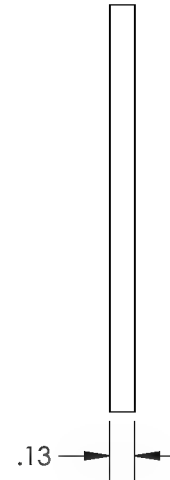
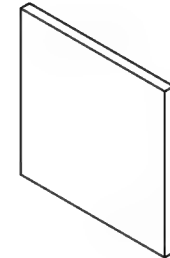
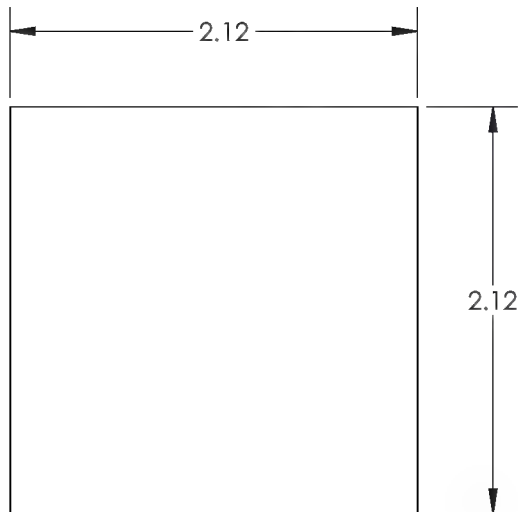


(-115)  
CHANNEL

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-115</b>	REV <b>5</b>
MAT'L 6063	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH SEE -099 WELDMENT	.XX ± .01 ANGLES ± 5°
SPEC	.X ± .1 SURFACES = 125° ✓
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: MACKOVJAK	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	AGUSTA AW139
SCALE 1:1	DATE 1/24/2013
SHEET 26 OF 49	

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

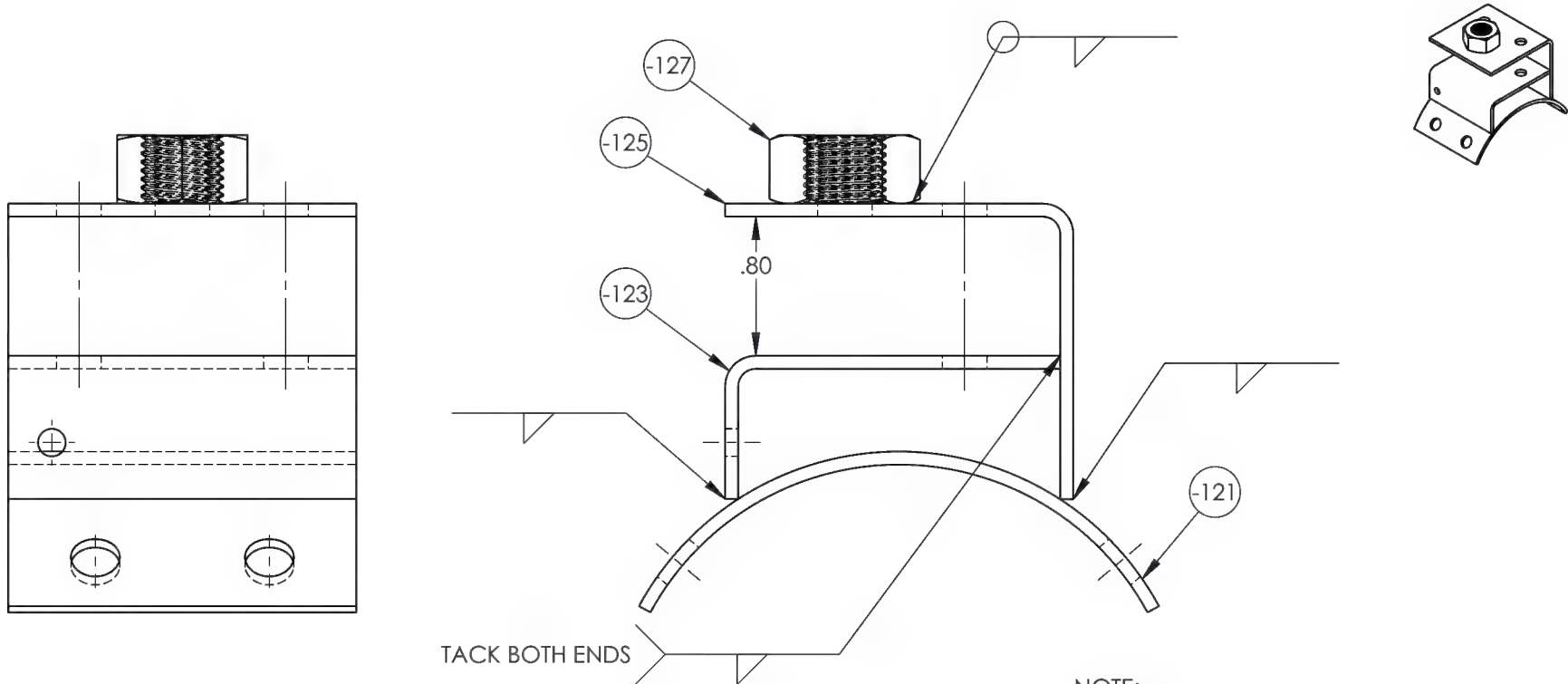


(-117)  
END CAP

<b>DART</b> AEROSPACE	
TITLE TOW DOLLY	
DWG NO. RBW0905G00134-3G-03-117	REV 5
MAT'L 6061	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -099 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:1	USED ON MODEL
DATE 1/24/2013	AGUSTA AW139
	SHEET 27 OF 49

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2A	14-0158	-119 ADDED NOTE.	9/24/2014	DJN	JAG



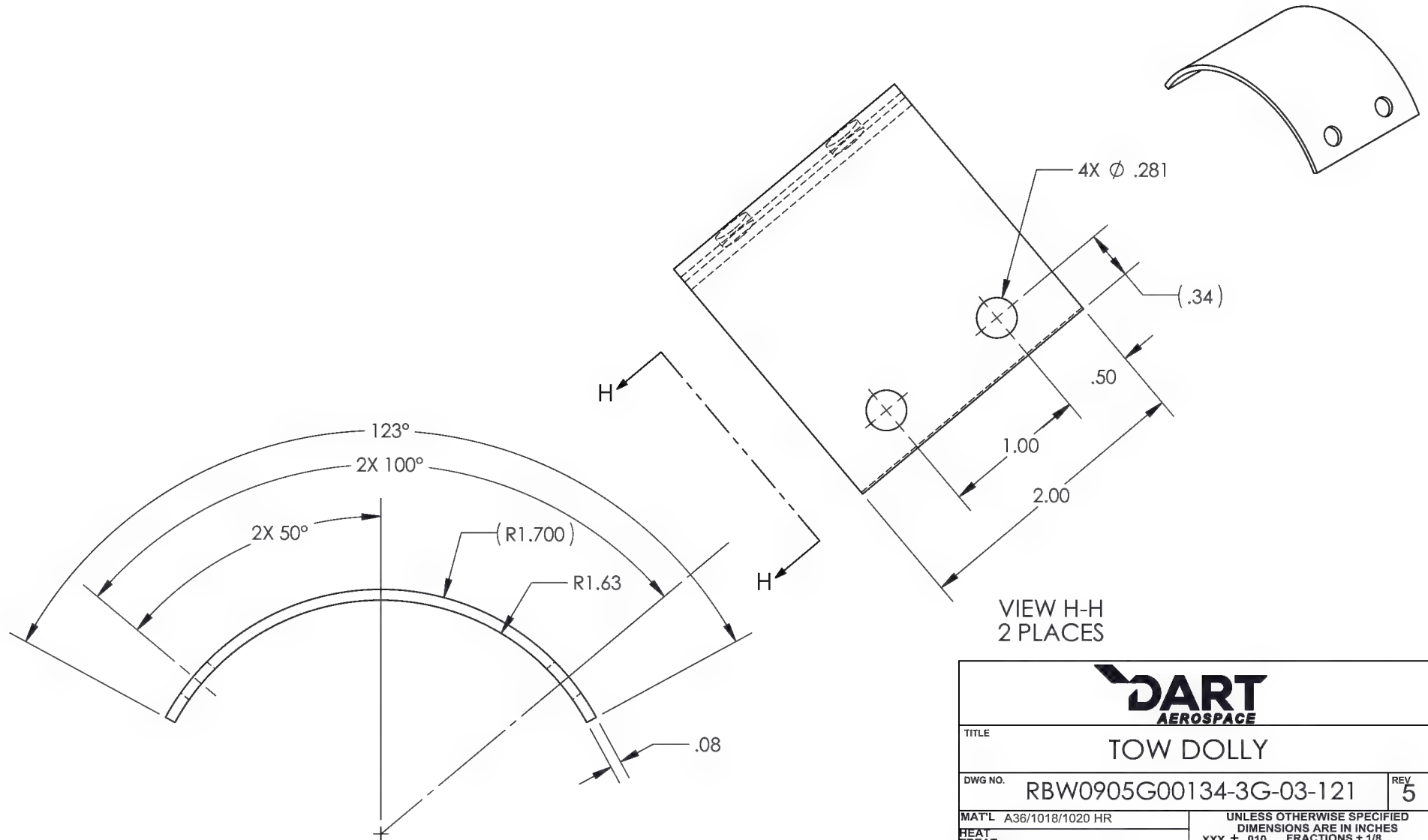
NOTE:  
CENTER -123, -125 ON -121.

-119  
HANDLE BRACKET WELDMENT

<b>DART AEROSPACE</b>	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-119</b>	REV <b>5</b>
MAT'L <b>6061-T6 ALUMINUM</b>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
FEAT <b>POWDER COAT YELLOW</b>	.XXX ± .010 FRACTIONS ± 1/8
FINISH <b>POWDER COAT YELLOW</b>	.XX ± .03 ANGLES ± 1°
SPEC <b>FED #13538</b>	.X ± .1 SURFACES = 125° ✓
DRAWN BY: <b>MARPET</b>	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: <b>MACKOVJAK</b>	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: <b>ANDERSON</b>	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: <b>LINDSAY</b>	USED ON MODEL
APPROVED: <b>GILBERT</b>	AGUSTA AW139
SCALE <b>1:1</b>	DATE <b>1/28/2013</b>
SHEET 28 OF 49	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2A	14-0158	-121 ADDED AUX VIEW.	9/24/2014	DJN	JAG



VIEW H-H  
2 PLACES

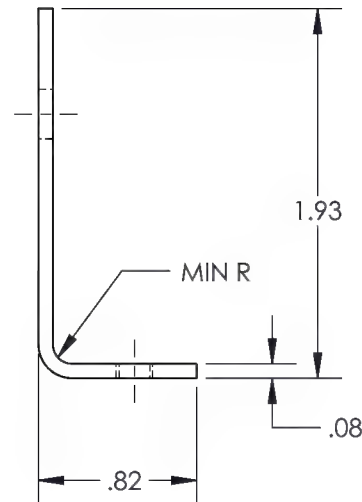
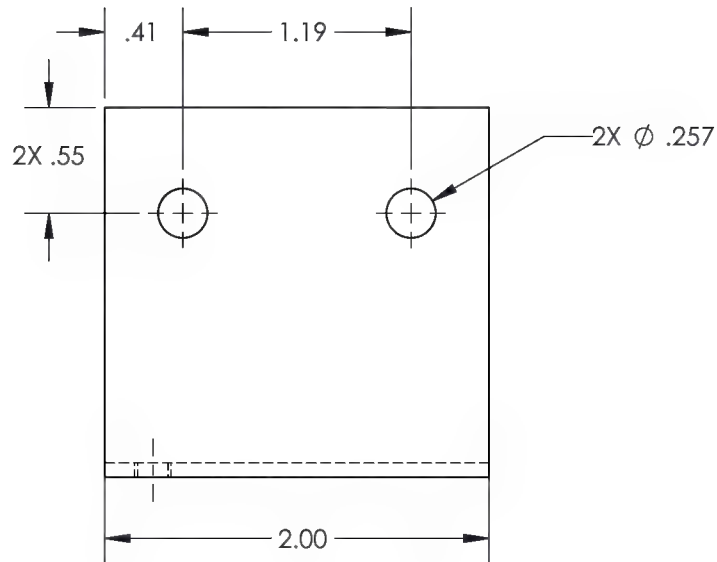
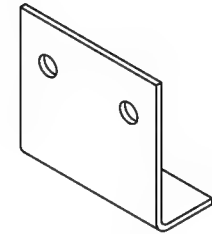
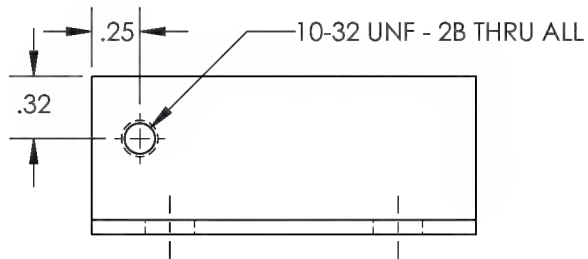


TITLE		TOW DOLLY	
DWG NO.		RBW0905G00134-3G-03-121	REV 5
MAT'L A36/1018/1020 HR		UNLESS OTHERWISE SPECIFIED	
HEAT TREAT		DIMENSIONS ARE IN INCHES	
FINISH SEE -119 WELDMENT		.XXX ± .010 FRACTIONS ± 1/8	
SPEC		.XX ± .03 ANGLES ±1°	
DRAWN BY: MARPET		.X ± .1 SURFACES = 125/	
CHECKED: MACKOVJAK		1. BREAK ALL SHARP EDGES	
OPPS APPR: ANDERSON		.015 x 45° OR .015R	
QA APPR: LINDSAY		2. DIMENSIONAL LIMITS APPLY	
APPROVED: GILBERT		AFTER PLATING	
		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
		USED ON MODEL	
		AGUSTA AW139	
SCALE	1:1	DATE	1/23/2013
		SHEET 29 OF 49	



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	16-0029	-123 ADDED #10-32 HOLE.	2/9/2016	RJC	JAG



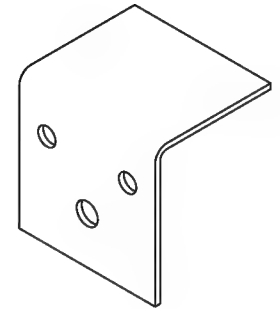
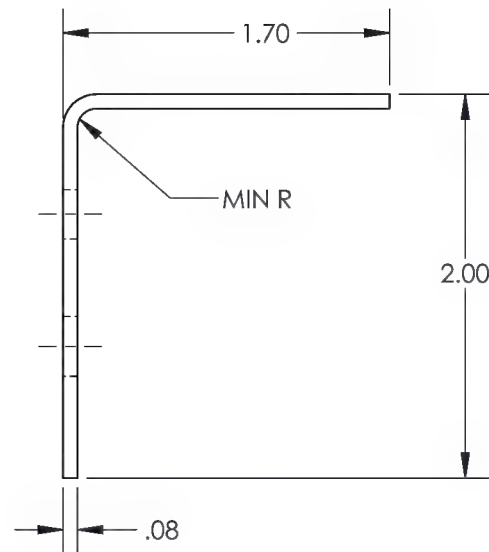
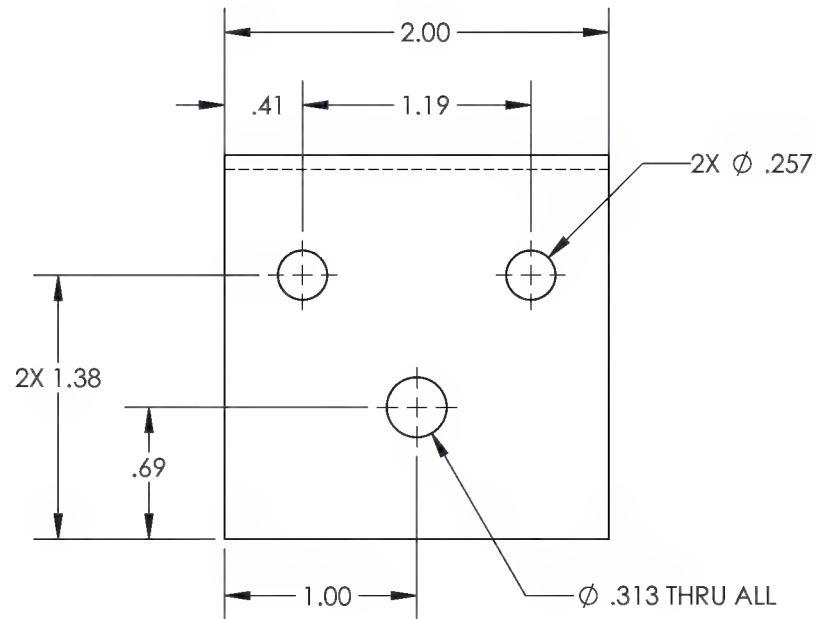
-123

INSIDE

<b>DART AEROSPACE</b>	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-123</b>	REV <b>5</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -119 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:1	DATE 1/24/2013
	SHEET 30 OF 49

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED

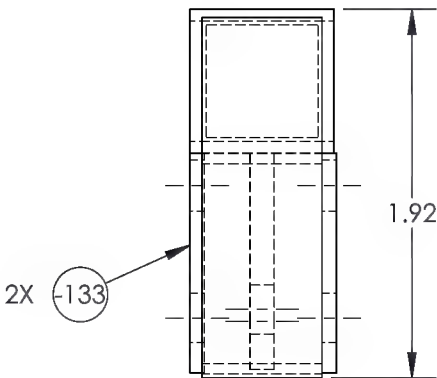
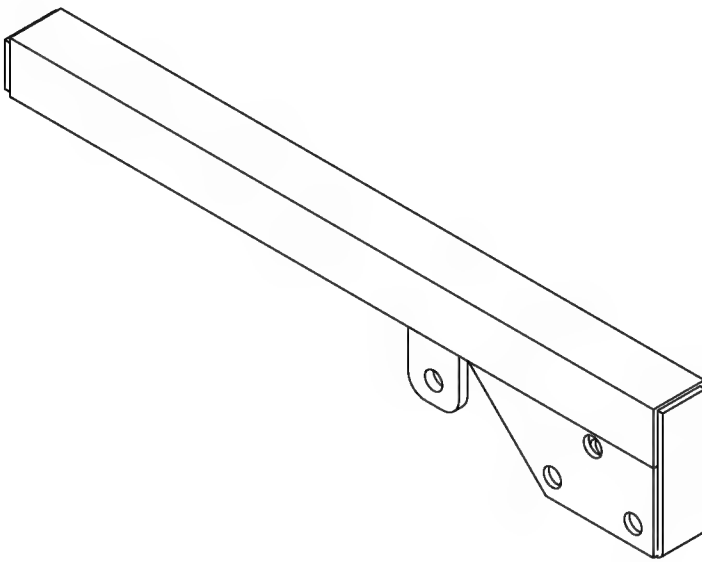
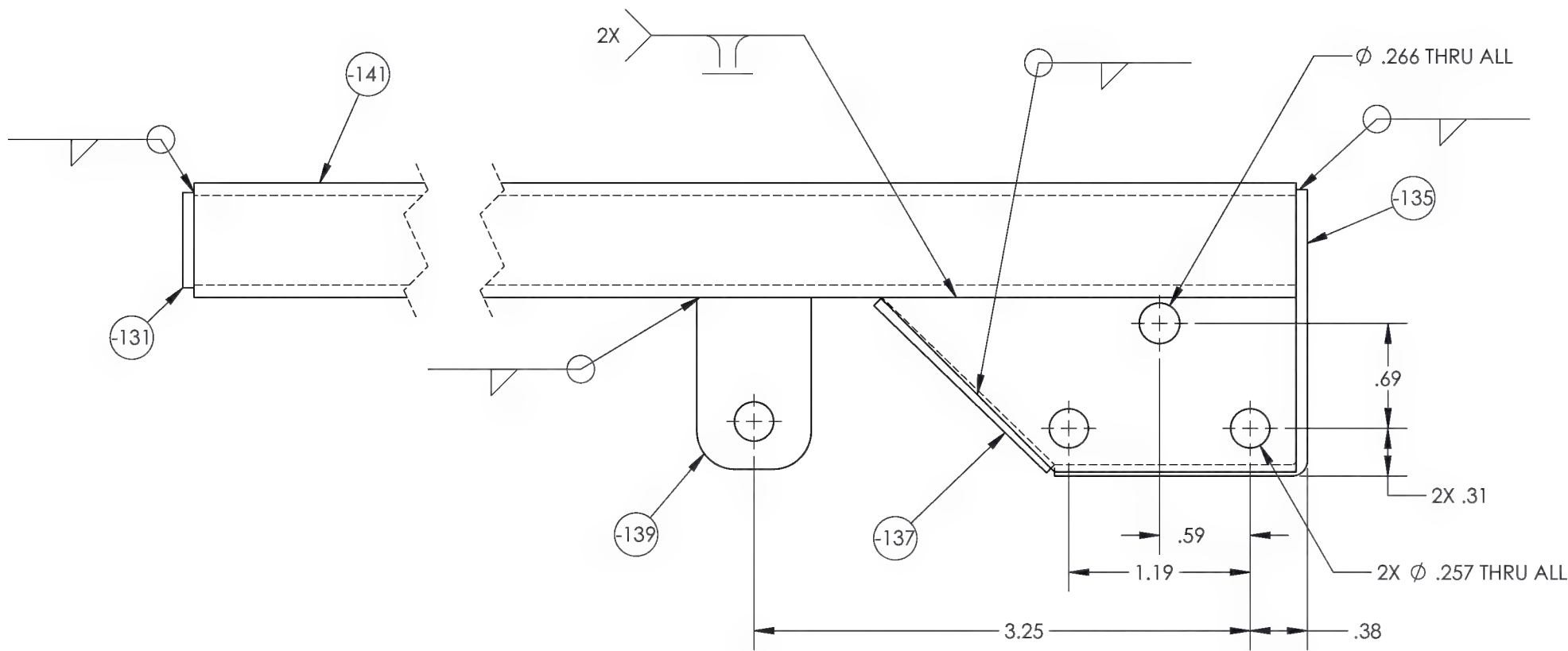


-125  
OUTSIDE

<b>DART AEROSPACE</b>	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-125</b>	REV <b>5</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -119 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:1	DATE 1/24/2013
	SHEET 31 OF 49

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
APPROVED				



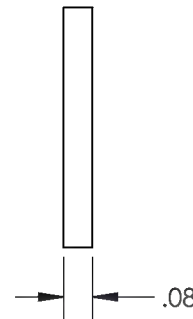
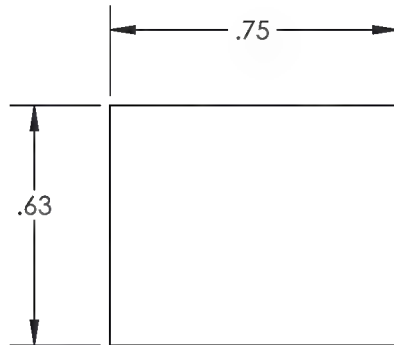
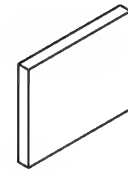
(-129)

HANDLE WELDMENT

DART AEROSPACE			
TITLE TOW DOLLY			
DWG NO. RBW0905G00134-3G-03-129			REV 5
MAT'L HEAT TREAT FINISH SPEC		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125°	
DRAWN BY: MARPET		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
CHECKED: MACKOVJAK		2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
OPPS APPR: ANDERSON		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY		USED ON MODEL	
APPROVED: GILBERT		AGUSTA AW139	
SCALE	1:1	DATE	1/29/2013
SHEET 32 OF 49			

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



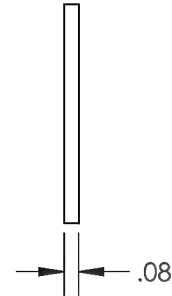
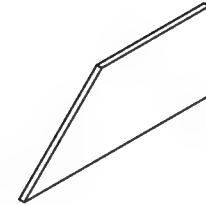
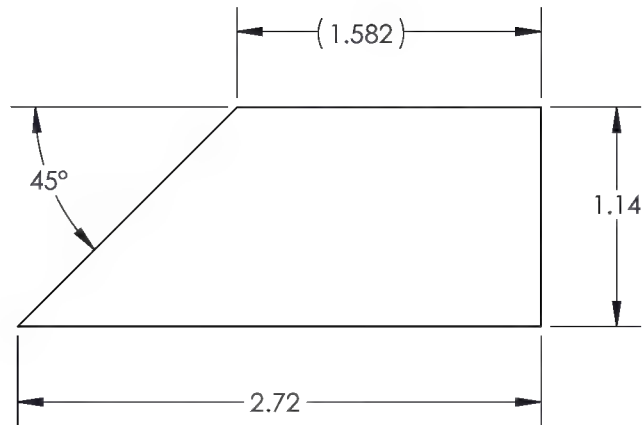
(-131)

END CAP

<b>DART AEROSPACE</b>	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-131</b>	REV <b>5</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -129 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 2:1	USED ON MODEL
DATE 1/24/2013	AGUSTA AW139
	SHEET 33 OF 49

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



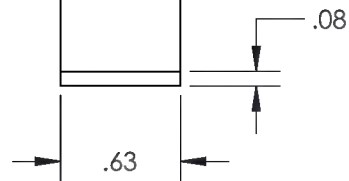
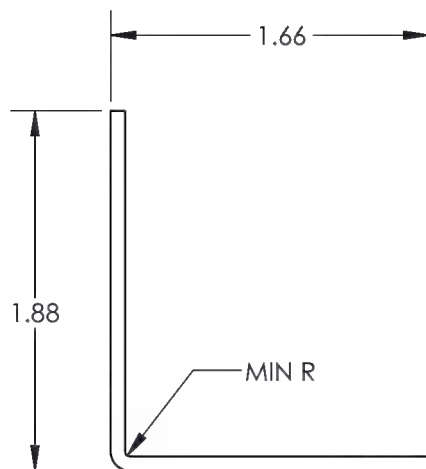
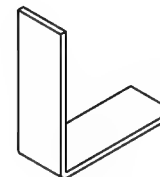
(-133)

SIDE PLATE

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-133</b>	REV <b>5</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -129 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:1	DATE 1/24/2013
	SHEET 34 OF 49

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				APPROVED



-135

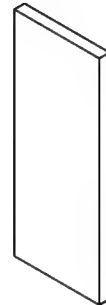
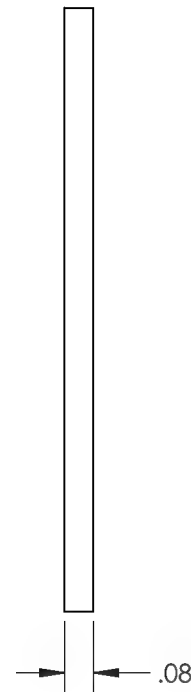
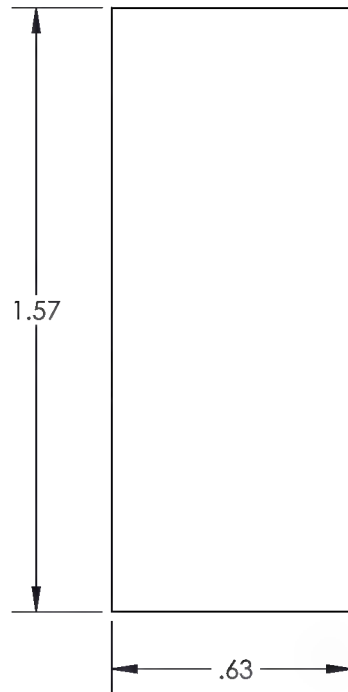
BACK END

<b>DART AEROSPACE</b>	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-135</b>	REV <b>5</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -129 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:1	DATE 1/24/2013
	SHEET 35 OF 49



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				APPROVED



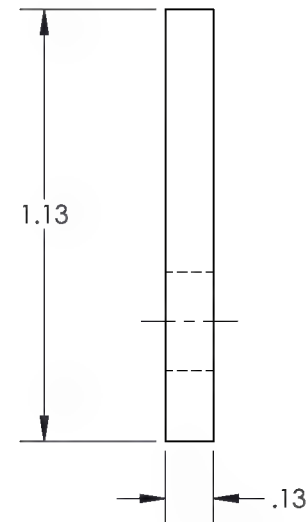
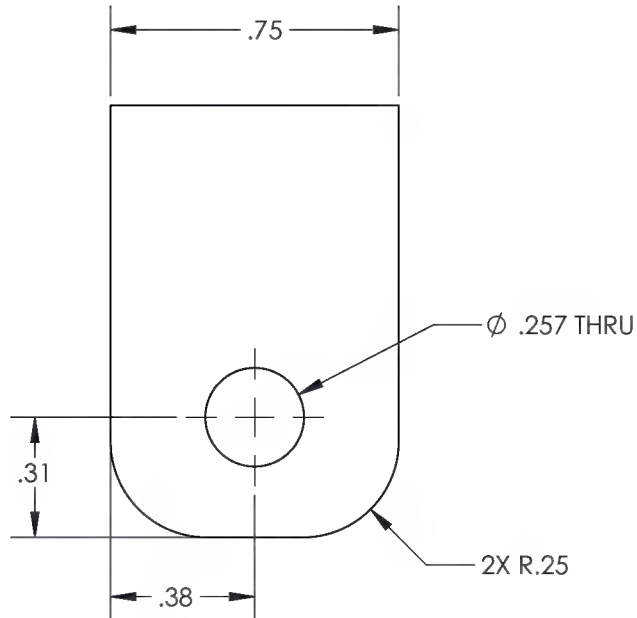
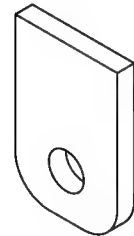
(-137)

FRONT END

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-137</b>	REV <b>5</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -129 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125/✓
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 2:1	DATE 1/24/2013
	SHEET 36 OF 49

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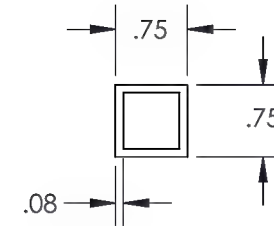
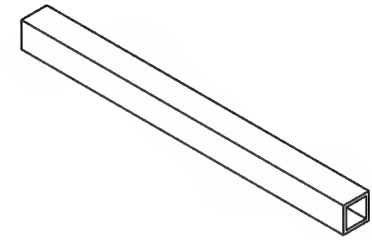
-139

TAB

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-139</b>	REV <b>5</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -129 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 2:1	DATE 1/24/2013
	SHEET 37 OF 49

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				APPROVED

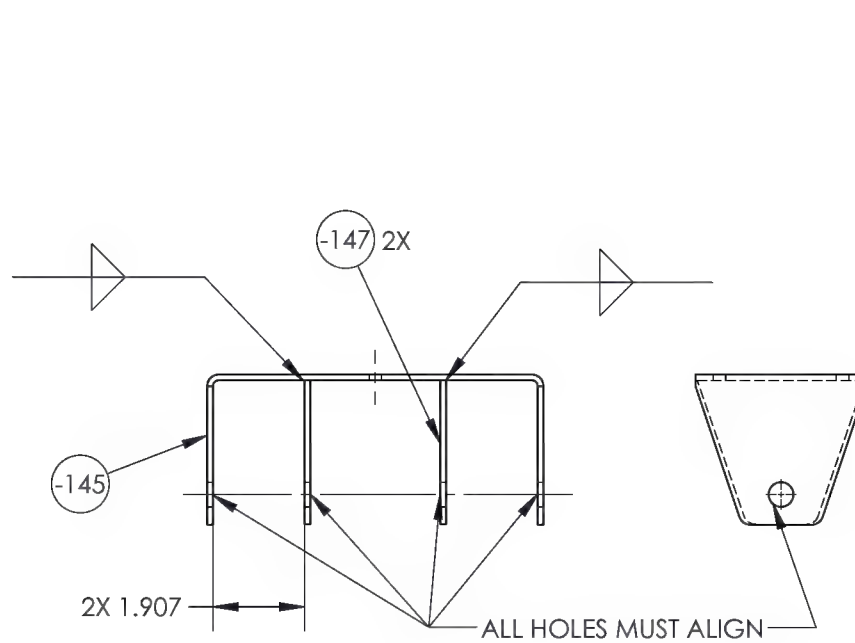


(-141)  
HANDLE

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-141</b>	REV <b>5</b>
MAT'L STEEL	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -129 WELDMENT	.XXX ± .005 FRACTIONS ± 1/8
SPEC	.XX ± .01 ANGLES ± .5°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
SCALE 1:2	DATE 1/24/2013
	SHEET 38 OF 49

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				APPROVED

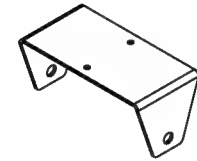
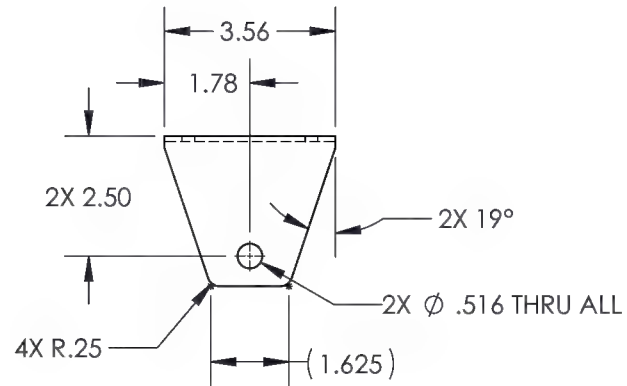
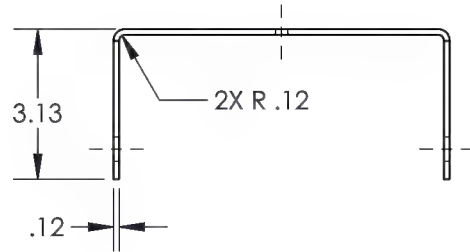
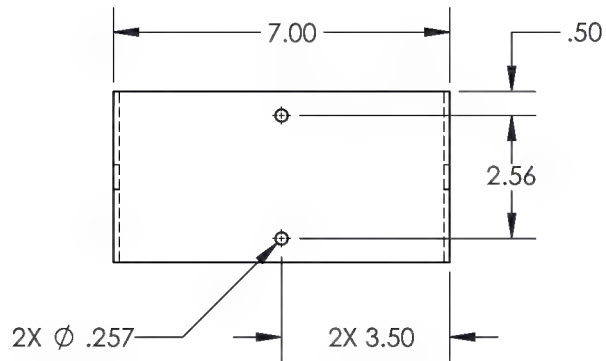


(-143)  
FRONT WHEEL BRACKET WELDMENT

<b>DART AEROSPACE</b>	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-143</b>	REV <b>5</b>
MAT'L <b>STEEL</b>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .010 FRACTIONS ± 1/8 .XX ± .03 ANGLES ± 1° .X ± .1 SURFACES = 125° 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
TREAT <b>POWDER COAT YELLOW</b>	
FINISH <b>POWDER COAT YELLOW</b>	
SPEC <b>FED #13538</b>	
DRAWN BY: <b>MARPET</b>	
CHECKED: <b>MACKOVJAK</b>	USED ON MODEL <b>AGUSTA AW139</b>
OPPS APPR: <b>ANDERSON</b>	
QA APPR: <b>LINDSAY</b>	
APPROVED: <b>GILBERT</b>	
SCALE <b>1:4</b>	DATE <b>1/29/2013</b>
SHEET 39 OF 49	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2A	14-0158	-145 CH'D DIM WAS R.12 IS 2X R.12.	9/24/2014	DJN	JAG



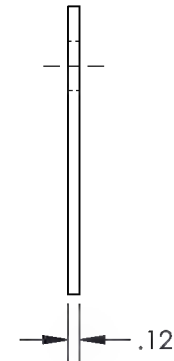
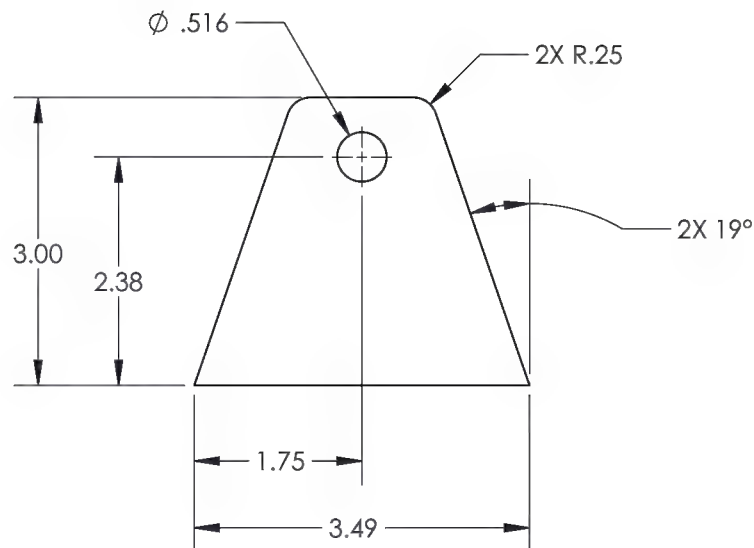
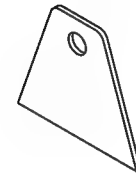
-145

FRONT WHEEL BRACKET FRAME

<b>DART AEROSPACE</b>	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-145</b>	REV <b>5</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -143 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
DRAWN BY: MARPET	.X ± .1 SURFACES = 125° ✓
CHECKED: MACKOVJAK	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:4	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 1/28/2013	USED ON MODEL
SHEET 40 OF 49	AGUSTA AW139

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



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FRONT WHEEL BRACKET GUSSET



TITLE  
TOW DOLLY

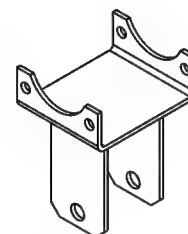
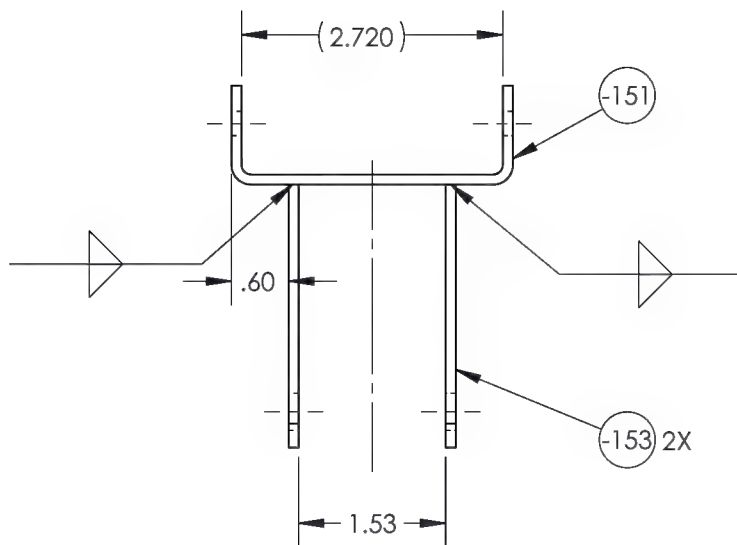
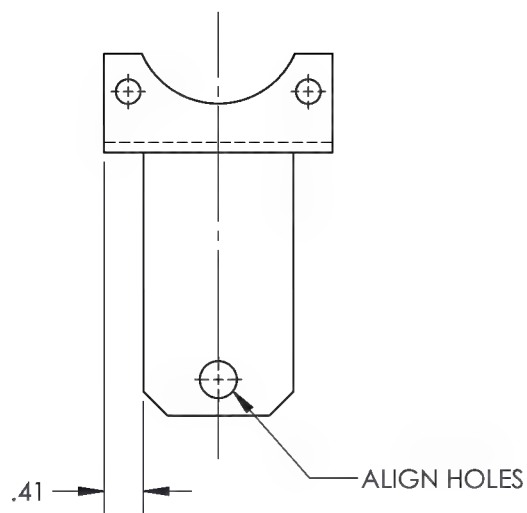
DWG NO. RBW0905G00134-3G-03-147 REV 5

MAT'L A36/1018/1020 HR		UNLESS OTHERWISE SPECIFIED	
TREAT		DIMENSIONS ARE IN INCHES	
FINISH SEE -143 WELDMENT		.XXX ± .010 FRACTIONS ± 1/8	
SPEC		.XX ± .03 ANGLES ± 1°	
DRAWN BY: MARPET		.X ± .1 SURFACES = 125°	
CHECKED: MACKOVJAK		1. BREAK ALL SHARP EDGES	
OPPS APPR: ANDERSON		.015 x 45° OR .015R	
QA APPR: LINDSAY		2. DIMENSIONAL LIMITS APPLY	
APPROVED: GILBERT		AFTER PLATING	
SCALE 1:2		3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DATE 1/28/2013		USED ON MODEL	
SHEET 41 OF 49		AGUSTA AW139	



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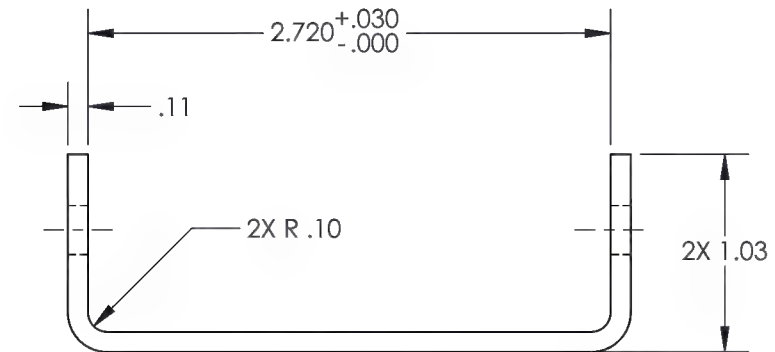
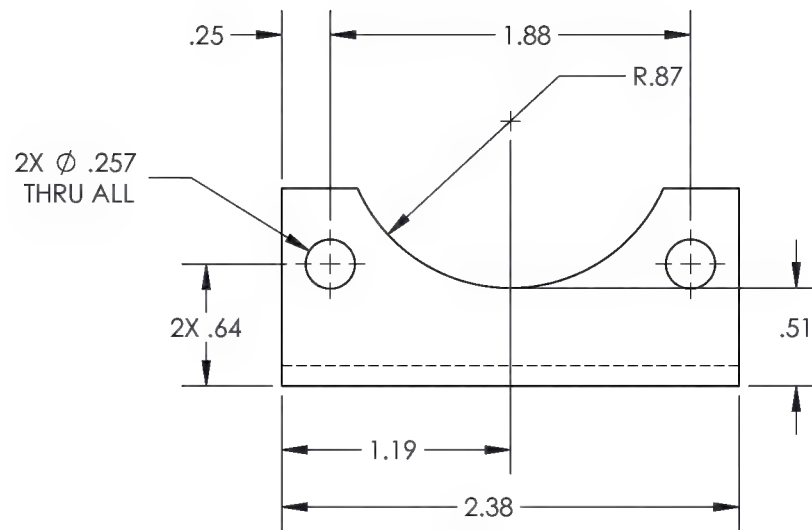
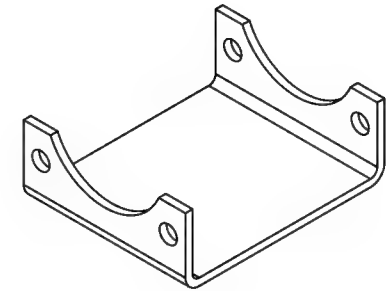
-149

REAR WHEEL BRACKET WELDMENT

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-149</b>	REV <b>5</b>
MAT'L <b>STEEL</b>	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
TREAT <b>POWDER COAT YELLOW</b>	.XXX ± .010 FRACTIONS ± 1/8
FINISH <b>POWDER COAT YELLOW</b>	.XX ± .03 ANGLES ± 1°
SPEC <b>FED #13538</b>	.X ± .1 SURFACES = 125° ✓
DRAWN BY: <b>MARPET</b>	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: <b>MACKOVJAK</b>	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: <b>ANDERSON</b>	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: <b>LINDSAY</b>	USED ON MODEL
APPROVED: <b>GILBERT</b>	AGUSTA AW139
SCALE <b>1:2</b>	DATE <b>1/30/2013</b>
SHEET 42 OF 49	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	16-0029	-151 CH'D DIM WAS 2.66 IS 2.720 +.030-.000.	2/10/2016	RJC	JAG



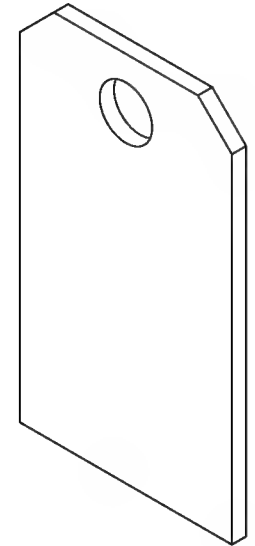
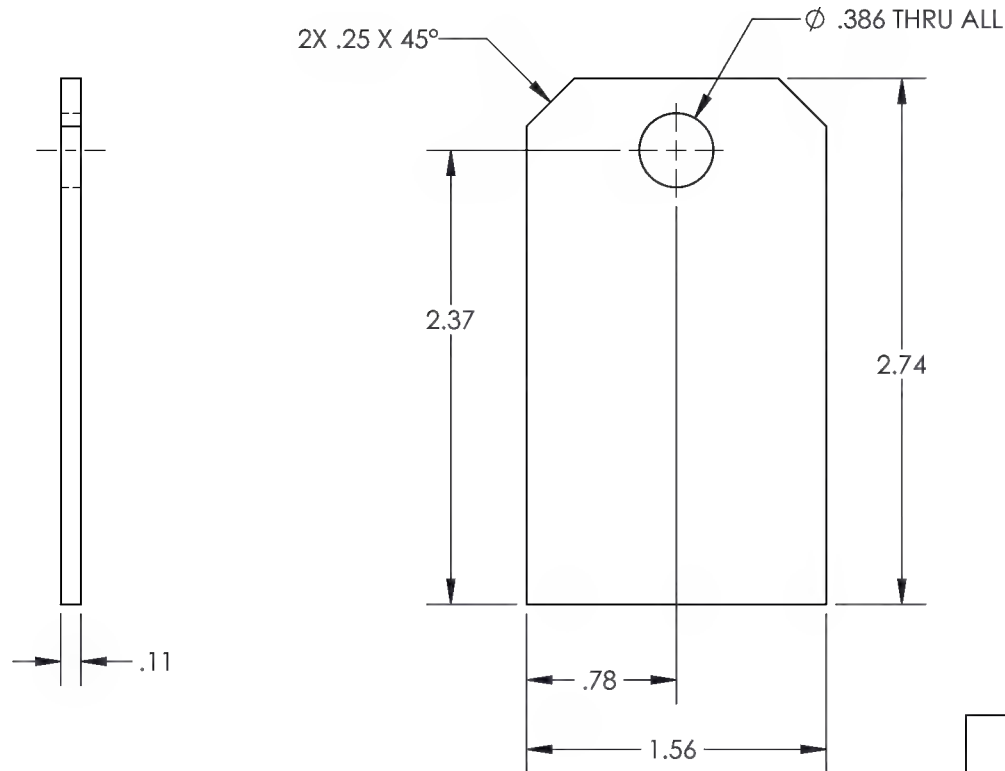
(-151)

REAR WHEEL FRAME

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-151</b>	REV <b>5</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -149 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125° ✓
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:1	DATE 1/28/2013
	SHEET 43 OF 49

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



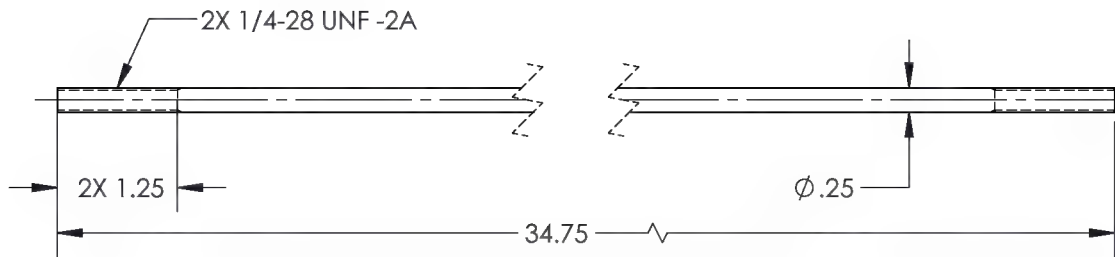
REAR WHEEL VERT. SUPPORT

(-153)

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-153</b>	REV <b>5</b>
MAT'L A36/1018/1020 HR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH SEE -149 WELDMENT	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
SCALE 1:1	DATE 1/28/2013
	SHEET 44 OF 49

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REV	ECR	DESCRIPTION	DATE	INITIAL
				APPROVED



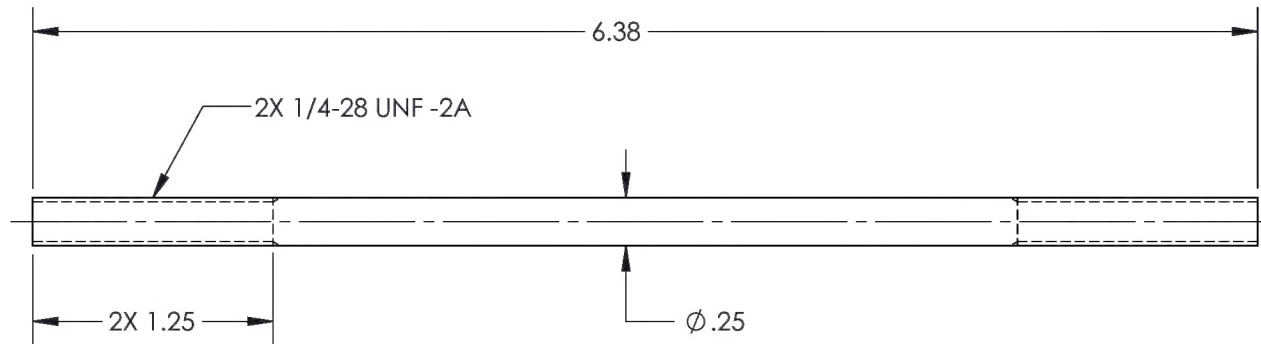
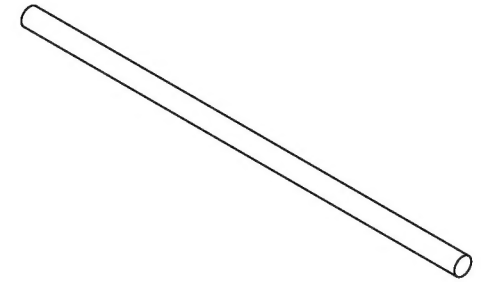
(-157)

THREADED ROD

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-157</b>	REV <b>5</b>
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± .5°
DRAWN BY: MARPET	.X ± .1 SURFACES = 125°
CHECKED: MACKOVJAK	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:2	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 1/28/2013	USED ON MODEL
SHEET 45 OF 49	AGUSTA AW139

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			INITIAL
			APPROVED



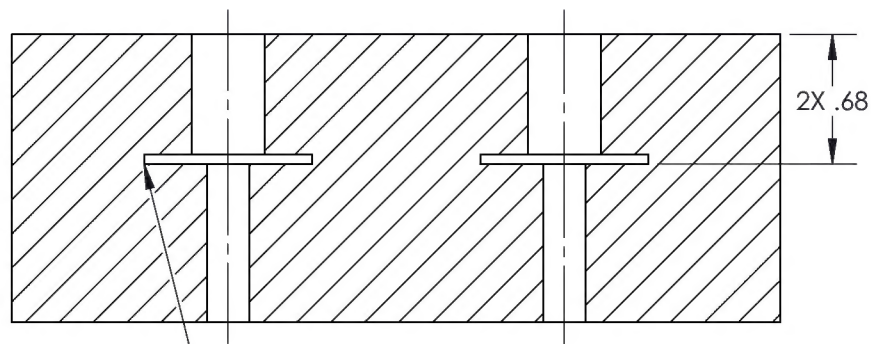
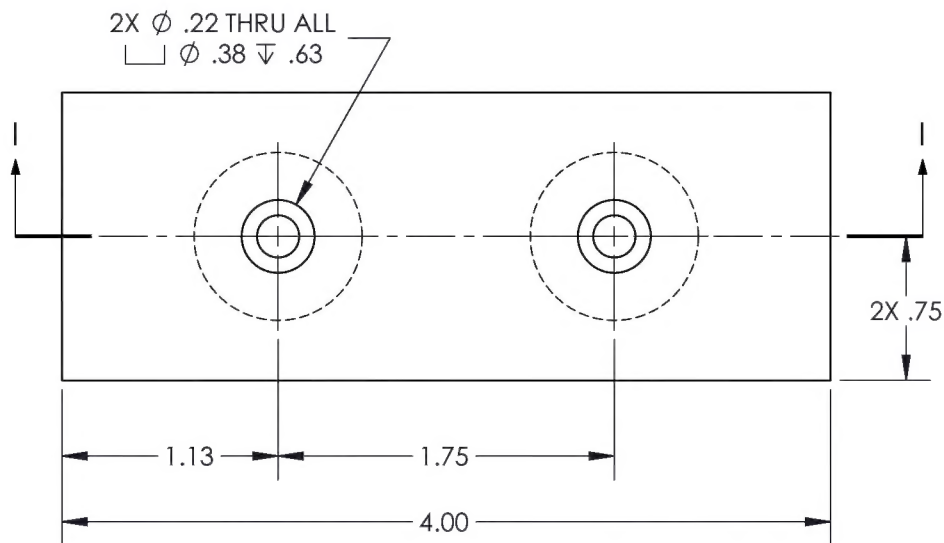
(-159)

THREADED ROD

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-03-159</b>	REV <b>5</b>
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: MARPET	.X ± .1 SURFACES = 125°
CHECKED: MACKOVJAK	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 1/28/2013	USED ON MODEL
SHEET 46 OF 49	AGUSTA AW139

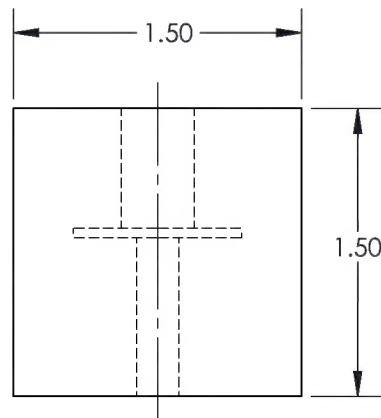
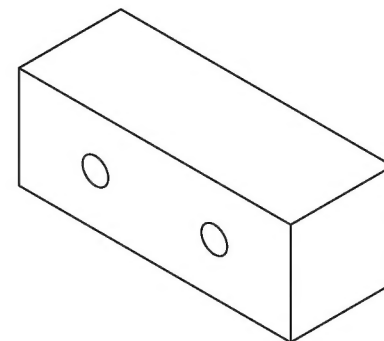
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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
4	16-0029	-161 CH'D DIM WAS 2X $\phi$ .266 THRU ALL $\square$ $\phi$ .44 $\nabla$ .63 IS 2X $\phi$ .22 THRU ALL $\square$ $\phi$ .38 $\nabla$ .63.	2/9/2016	RJC	JAG



SECTION I-I

2X MOLD -257 INTO CAST



NOTE:  
CAST AS REQUIRED.

(-161)

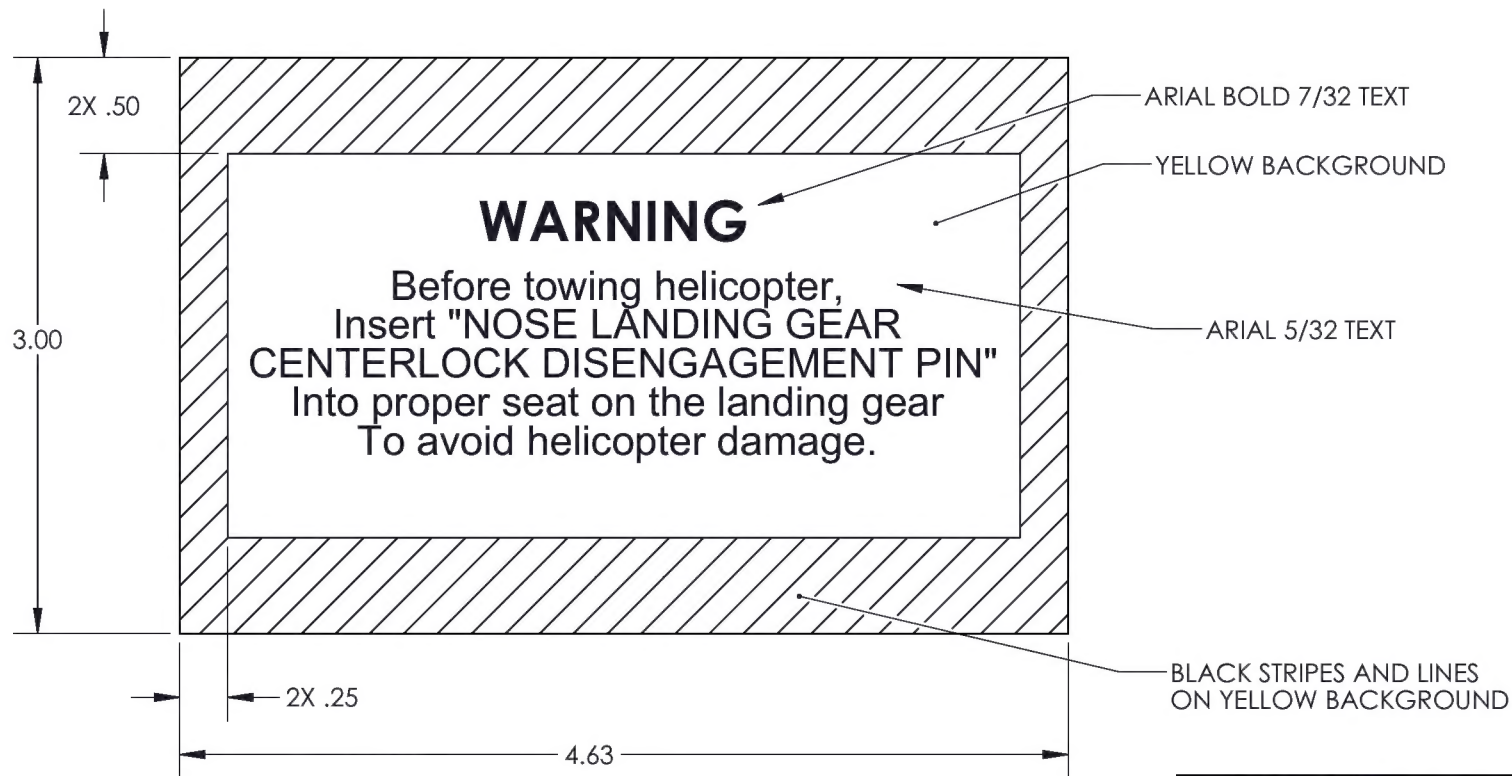
PAD

<b>DART AEROSPACE</b>	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G0134-3G-03-161</b>	REV <b>5</b>
MAT'L URETHANE 60A HEAT TREAT FINISH SPEC	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX $\pm$ .010 FRACTIONS $\pm$ 1/8 .XX $\pm$ .03 ANGLES $\pm$ 1° .X $\pm$ .1 SURFACES = 125° ✓	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: <b>CLOUGH</b>	USED ON MODEL
CHECKED: <b>MACKOVJAK</b>	AGUSTA AW139
OPPS APPR: <b>ANDERSON</b>	
QA APPR: <b>LINDSAY</b>	
APPROVED: <b>GILBERT</b>	
SCALE 1:1	DATE 11/19/2012
SHEET 47 OF 49	



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REVISIONS			
REV	ECR	DESCRIPTION	DATE



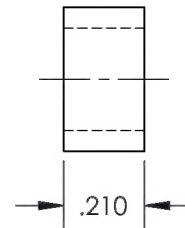
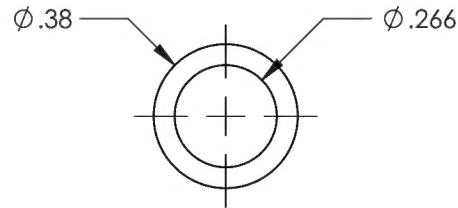
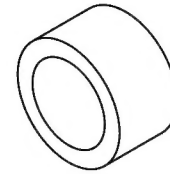
(-237)

WARNING STICKER WITH ADHESIVE BACK

<b>DART</b> AEROSPACE	
TITLE TOW DOLLY	
DWG NO. RBW0905G00134-36-03-237	REV 5
MAT'L VINYL	UNLESS OTHERWISE SPECIFIED
TREAT	DIMENSIONS ARE IN INCHES
FINISH	.XXX ± .010 FRACTIONS ± 1/8
SPEC	.XX ± .03 ANGLES ± 1°
	.X ± .1 SURFACES = 125°
DRAWN BY: MARPET	1. BREAK ALL SHARP EDGES
CHECKED: MACKOVJAK	.015 x 45° OR .015R
OPPS APPR: ANDERSON	2. DIMENSIONAL LIMITS APPLY
QA APPR: LINDSAY	AFTER PLATING
APPROVED: GILBERT	3. INTERPRET DIM AND TOL PER
	ASME Y14.5M-2009
	USED ON MODEL
SCALE 1:1	DATE 2/5/2013
	SHEET 48 OF 49

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	14-0228	-251 ADDED DRAWING FOR MODIFIED B/O.	2/2/2015	RJC	JAG



(-251)

SLEEVE

<b>DART</b> AEROSPACE	
TITLE <b>TOW DOLLY</b>	
DWG NO. <b>RBW0905G00134-3G-251</b>	REV <b>5</b>
MAT'L BRONZE	UNLESS OTHERWISE SPECIFIED
HEAT TREAT FINISH	DIMENSIONS ARE IN INCHES
SPEC	.XXX ± .005 FRACTIONS ± 1/8
DRAWN BY: CLOUGH	.XX ± .01 ANGLES ± .5°
CHECKED: MACKOVJAK	.X ± .1 SURFACES = 125/
OPPS APPR: ANDERSON	1. BREAK ALL SHARP EDGES
QA APPR: LINDSAY	.015 x 45° OR .015R
APPROVED: GILBERT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
SCALE 2:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 1/23/2013	USED ON MODEL
SHEET 49 OF 49	AW139